

20011013.qrp v02_n341.qrl.20011013

Date: Sat, 13 Oct 2001 19:03:11 EDT
From: qrp-l@Lehigh.EDU
To: "Low Power Amateur Radio Discussion" <qrp-l@Lehigh.EDU>
Subject: QRP-L digest 2341

QRP-L Digest 2341

Topics covered in this issue include:

- 1) [108613] Price for Ten Tec 509 w/ CW Filter
by Mercxx@aol.com
- 2) [108614] Winter Cub Fox Roster
by "Karl F. Larsen" <k5di@zianet.com>
- 3) [108615] CW
by "Karl F. Larsen" <k5di@zianet.com>
- 4) [108616] Re: CW
by Richard Mulvey <rich@mulveyfamily.com>
- 5) [108617] RE: Winter Cub Fox Roster
by "N8IE" <n8ie@woh.rr.com>
- 6) [108618] Blinky LEDs queskin & stuff
by nilsbull@juno.com
- 7) [108619] Postponing again
by Ron KU7Y <mswmod@bigplanet.com>
- 8) [108620] RE: Winter Cub Fox Roster
by "Karl F. Larsen" <k5di@zianet.com>
- 9) [108621] RE: Winter Cub Fox Roster
by "N8IE" <n8ie@woh.rr.com>
- 10) [108622] Re: ARCI test vs RTTY contest
by Bill Coleman <aa4lr@arrl.net>
- 11) [108623] Thanks Lake Perris QRP Society!!
by "James R. Duffey" <jamesd1@flash.net>
- 12) [108624] Re: ARCI test vs RTTY contest
by "ukii" <ukii@megsinet.net>
- 13) [108625] Re: Question: Scope Pictures with Digital Camera
by "Mark J. Dulcey" <mark@buttery.org>
- 14) [108626] Cohn IF Filters with Ceramic resonators?
by "James R. Duffey" <jamesd1@flash.net>
- 15) [108627] Re: Question: Scope Pictures with Digital Camera
by "ZOOM" <kandrparker@sympatico.ca>
- 16) [108628] Re: [AQR] Cubic Foot of Battery
by Monty N5FC <n5fc@io.com>
- 17) [108629] Re: [AQR] Cubic Foot of Battery
by "George, W5YR" <w5yr@att.net>
- 18) [108630] Help needed with Winspice3
by "Donald Philbin" <donaldphilbin@hotmail.com>
- 19) [108631] Re: Cohn IF Filters with Ceramic resonators?

by "Leon Heller" <leon_heller@hotmail.com>
20) [108632] Re: Help needed with Winspice3
by "Leon Heller" <leon_heller@hotmail.com>
21) [108633] Re: Blinky LEDs queskin & stuff
by "Leon Heller" <leon_heller@hotmail.com>
22) [108634] Truffle Hunts
by "w8diz" <w8diz@fpqrp.com>
23) [108635] RE: Tell Me I should not buy an FT-817
by "Bill Johnson" <wjohanson@dcwis.com>
24) [108636] Re: High peak in Indiana - Pictures
by Terry Bassett <mutabut@net66.com>
25) [108637] Mouse Problems RFI w/PSK31
by "Trevor Jacobs" <fxtech@earthlink.net>
26) [108638] RE: Winter Cub Fox Roster
by "Karl F. Larsen" <k5di@zianet.com>
27) [108639] Re: CW
by "Karl F. Larsen" <k5di@zianet.com>
28) [108640] Re: A different low power....and a light-beam communicator
by Bruce Muscolino <w6toy@erols.com>
29) [108641] Re: Question: Scope Pictures with Digital Camera
by "Mike Yetsko" <myetsko@insydesw.com>
30) [108642] A Radio Shack ... light-beam communicator
by "Paul R. Valko" <prvalko@oakland.edu>
31) [108643] Re: Question: Scope Pictures with Digital Camera
by Bruce Muscolino <w6toy@erols.com>
32) [108644] Fists Fall Sprint today!
by "N7SG K7FD" <k7fd@hotmail.com>
33) [108645] Re: Fists Fall Sprint today!
by "Tom" <n1tp@worldnet.att.net>
34) [108646] Re: High peak in Indiana - Pictures
by Dave Fouchey <dafouchey@home.com>
35) [108647] Re: Fists Fall Sprint today!
by "N7SG K7FD" <k7fd@hotmail.com>
36) [108648] RE: Fists Fall Sprint today!
by "N8IE" <n8ie@woh.rr.com>
37) [108649] Re: ARCI test vs RTTY contest
by Bruce Muscolino <w6toy@erols.com>
38) [108650] Re: CW
by Bruce Muscolino <w6toy@erols.com>
39) [108651] New Cub Fox Roster
by "Karl F. Larsen" <k5di@zianet.com>
40) [108652] Re: High peak in Indiana - Pictures
by Dave Gingrich <gingrich2@dcg.org>
41) [108653] Re: A Radio Shack ... light-beam communicator
by Bruce Muscolino <w6toy@erols.com>
42) [108654] Re: Tell Me I should not buy an FT-817
by Joe Reed <joe@n9jr.dyndns.org>
43) [108655] Re: High peak in Indiana - Pictures

by "Karl F. Larsen" <k5di@zianet.com>
44) [108656] Re: Tell Me I should not buy an FT-817
by "Karl F. Larsen" <k5di@zianet.com>
45) [108657] Re: [AQRp] Cubic Foot of Battery
by "Lee S. Mairs" <lmairs@cox.rr.com>
46) [108658] Re: [AQRp] Cubic Foot of Battery
by bob evinger <wd9eka@arrl.net>
47) [108659] Re: CW
by "Jim FitzSimons" <cherry@getnet.net>
48) [108660] QRP-L Cub Fox Web Site
by "Karl F. Larsen" <k5di@zianet.com>
49) [108661] OT: Packet question
by "David & Jo Ann Lininger" <djlinin@positech.net>
50) [108662] Re: Question: Scope Pictures with Digital Camera
by "Mike Yetsko" <myetsko@insydesw.com>
51) [108663] Re: A Radio Shack ... light-beam communicator
by "Mike Yetsko" <myetsko@insydesw.com>
52) [108664] Re: A Radio Shack ... light-beam communicator
by "Mike Yetsko" <myetsko@insydesw.com>
53) [108665] Re: [AQRp] Cubic Foot of Battery
by bob evinger <wd9eka@arrl.net>
54) [108666] High peak in Indiana - Pictures
by j.p.osburn@ieee.org
55) [108667] REALLY bizarre topic
by "Mike Yetsko" <myetsko@insydesw.com>
56) [108668] test--do not read
by "Edwin Crowell" <w5twr@home.com>
57) [108669] Pacificon Parking
by "Ronald Smith" <ronald@atdial.net>
58) [108670] Teflon wire stripping
by "TC Dufresne" <tdufresne@neb.rr.com>
59) [108671] Re: CW
by baltimoremd@baltimoremd.com
60) [108672] most unusual CW experience
by Wayne Burdick <n6kr@elecraft.com>
61) [108673] Yaseu FT-817 arrived here Saturday
by "Karl F. Larsen" <k5di@zianet.com>
62) [108674] Re: CW
by "W3CDE Jerry L." <w3cde@bellsouth.net>
63) [108675] Latest word.....
by Ron KU7Y <mswmod@bigplanet.com>
64) [108676] Re: Tell Me I should not buy an FT-817
by "Karl B. Staddon" <ve6kbs@agt.net>
65) [108677] Re: [Elecraft] most unusual CW experience
by Dave Gingrich K9DC <gingrich2@dcg.org>
66) [108678] Re: [fpqrp] Truffle Hunts
by "w8diz" <w8diz@fpqrp.com>
67) [108679] Re: Latest word.....

by Euramcom <mel@euramcom.freeseve.co.uk>
68) [108680] Lettuce not kiss cw farewell, just yet...
by Joel M Denison <hamjoel@juno.com>
69) [108681] Re: Question: Scope Pictures with Digital Camera
by Bruce Muscolino <w6toy@erols.com>
70) [108682] Re: Tell Me I should not buy an FT-817
by "Trevor Jacobs" <fxtech@earthlink.net>
71) [108683] ZL75 #98 700 MW !!!!!!!
by "George Osier" <gosier@twcny.rr.com>
72) [108684] Re: REALLY bizarre topic
by Bruce Muscolino <w6toy@erols.com>
73) [108685] Re: [fpqrp] BBQ called on account of flood
by "Mike Malone" <mmalone@worldlogon.com>
74) [108686] Re: CW
by baltimoremd@baltimoremd.com
75) [108687] Re: CW
by baltimoremd@baltimoremd.com
76) [108688] Re: Mine Field Study
by <muglesto@ecentral.com>
77) [108689] Re: Teflon wire stripping
by Thomas Kuehl <ac7a@gci-net.com>
78) [108690] Re: Tell Me I should not buy an FT-817
by Joe Reed <joe@n9jr.dyndns.org>

Date: Fri, 12 Oct 2001 19:03:29 EDT
From: Mercxx@aol.com
To: qrp-l@lehigh.edu
Subject: [108613] Price for Ten Tec 509 w/ CW Filter
Message-ID: <e4.1c328e25.28f8d0c1@aol.com>
MIME-Version: 1.0
Content-Type: text/plain; charset="US-ASCII"
Content-Transfer-Encoding: 7bit

Good evening,

I am looking to sell my Ten Tec 509. I was wondering what is the going price for one in good cosmetic/operational condtion with an external CW Filter? The CW filter is one that was built from the QRP quarterly in July 1993. I have an owners manual. Thanks for the time and the responses.

72
Steve
N4TKP
Bartow, FL

Date: Fri, 12 Oct 2001 17:21:43 -0600 (MDT)
From: "Karl F. Larsen" <k5di@zianet.com>
To: <qrp-l@lehigh.edu>
Subject: [108614] Winter Cub Fox Roster
Message-ID: <Pine.LNX.4.33.0110121717020.3307-100000@cannac.fun>
MIME-Version: 1.0
Content-Type: TEXT/PLAIN; charset=US-ASCII

Gang, Here are the guys who will be the Fox on most Tuesday evenings at 0200Z. They will be sending at 12 wpm around 7.140 KHz and will enjoy you as a hound coming by. All the Fox operators will have a good supply of pelts to give out.

Weeks	Date1/Date2	Call	Name	SPC
1/11	10/30 1/8	N1TP	Tom	FL
2/12	11/6 1/15	KA8MAV	Brice	IN
3/13	11/13 1/22	NQ7T	Gary	WA
4/14	11/20 1/29	W0IS	Rick	MN
5/15	11/27 2/5	K04WX	Mike	GA
6/16	12/4 2/12	KB9YIG	Tony	IN
7/17	12/11 2/19	AG0T	Todd	ND
8/18	12/18 2/26	N0IT	Dave	MO
9/19	12/25 3/5	VE3FAL	Fred	Ont
10/20	1/1 3/12	K5DI	Karl	NM

--
Yours Truly,

- Karl F. Larsen, k5di@arrl.net (505) 524-3303 -
<http://www.qsl.net/k5di/>

Date: Fri, 12 Oct 2001 17:27:45 -0600 (MDT)
From: "Karl F. Larsen" <k5di@zianet.com>
To: <qrp-l@lehigh.edu>
Subject: [108615] CW
Message-ID: <Pine.LNX.4.33.0110121723430.3307-100000@cannac.fun>
MIME-Version: 1.0
Content-Type: TEXT/PLAIN; charset=US-ASCII

While I agree that CW need no longer be a requirment for a Ham license, it's still a neet thing to use when QRP. It works just enough

better than ssb to make it viable when conditions are poor.

Moon bounce operators are all good CW operators because too often the s/n is terrible. Only CW, slow, can make it.

--

Yours Truly,

- Karl F. Larsen, k5di@arrl.net (505) 524-3303 -
<http://www.qsl.net/k5di/>

Date: 12 Oct 2001 20:31:03 -0400
From: Richard Mulvey <rich@mulveyfamily.com>
To: qrp-l@lehigh.edu
Subject: [108616] Re: CW
Message-ID: <1002933063.5991.3.camel@zipppy.aa2ys.ampr.org>
Content-Type: text/plain
Content-Transfer-Encoding: 7bit
Mime-Version: 1.0

On 12 Oct 2001 17:27:45 -0600, Karl F. Larsen wrote:

>
> While I agree that CW need no longer be a requirment for a Ham
> license, it's still a neet thing to use when QRP. It works just enough
> better than ssb to make it viable when conditions are poor.
>
> Moon bounce operators are all good CW operators because too often
> the s/n is terrible. Only CW, slow, can make it.

"only CW"? Far from it.

Perhaps you're unaware that a true QRP - 5 watts - EME contact was made earlier this year with generic TVRO dishes. They were using the DSP-10 rigs and the mode was PUA43. Details at:

<http://www.proaxis.com/~boblark/dsp10.htm>

I just got my DSP-10 kit, and my soldering iron is warming up....

- Rich

Date: Fri, 12 Oct 2001 21:02:02 -0400
From: "N8IE" <n8ie@woh.rr.com>
To: "QRP-1" <qrp-1@lehigh.edu>
Subject: [108617] RE: Winter Cub Fox Roster
Message-ID: <000001c15382\$ab5039a0\$0300a8c0@woh.rr.com>
MIME-Version: 1.0
Content-Type: text/plain;
 charset="iso-8859-1"
Content-Transfer-Encoding: 7bit

Hey guys any chance you can combine the two lists (Thurs. and Tues.) and post them like in years past?

The old way of one person posting the line-up in a line by line format was real nice to print out.

72, oo
Dan, N8IE

-----Original Message-----

From: owner-qrp-1@Lehigh.EDU [mailto:owner-qrp-1@Lehigh.EDU] On Behalf Of Karl F. Larsen
Sent: Friday, October 12, 2001 07:22 PM
To: Low Power Amateur Radio Discussion
Subject: Winter Cub Fox Roster

Gang, Here are the guys who will be the Fox on most Tuesday evenings at 0200Z. They will be sending at 12 wpm around 7.140 KHz and will enjoy you as a hound coming by. All the Fox operators will have a good supply of pelts to give out.

Weeks	Date1/Date2	Call Name	SPC
1/11 10/30	1/8 N1TP	Tom	FL
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4/14 11/20	1/29	W0IS	Rick MN
5/15 11/27	2/5 K04WX	Mike	GA
6/16 12/4	2/12	KB9YIG	Tony IN
7/17 12/11	2/19	AG0T	Todd ND
8/18 12/18	2/26	N0IT	Dave MO
9/19 12/25	3/5 VE3FAL	Fred	Ont
10/20	1/1 3/12	K5DI	Karl NM

--

Yours Truly,

- Karl F. Larsen, k5di@arrl.net (505) 524-3303 -
<http://www.qsl.net/k5di/>

Date: Fri, 12 Oct 2001 21:07:38 -0400
From: nilsbull@juno.com
To: QRP-L@lehigh.edu
Subject: [108618] Blinky LEDs queskin & stuff
Message-ID: <20011012.211135.-286783.2.nilsbull@juno.com>
MIME-Version: 1.0
Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: 7bit

Gang,

Back when I was a salt, OT3 Dennis Ackerson, one of my shipmates, had a record by a guy named Lord Such. It was pretty awful. One of the tunes that we always cracked up over as one that began with a bunch of guitar noise and then this voice howling "Whooooaaahh! Flashing Lights!"

Which is what I'm workin' on now. I wanted to redo the remote antenna tuner thing so I could (a) bypass the tuner (b) switch four antennas, (c) lock the tuner so it wouldn't retune if I didn't want it to, (d) know when I had the remote tuner turned on & (e) get away with only eight wires.

So wires one through three are push buttons that turn on the remote tuner (at its distal power supply) with a ratchet relay and switch two different ratchet relays through four antenna positions. Lines four and five are LEDs that show the antenna relay configuration. Lines six & seven are ATU status (tuned or not) and ATU lock indicators. Line eight is DC control ground.

Not one indicator, you may note, tells me that the ATU is on or bypassed or whatever.

Sure, I could listen, but who's got time for that, really? Fer sure.

Then, after a week and a half of scratching my brains (as my Tamil buddy used to say), it dawned on me: use a blinky LED to blink the two relay

status indicators when the ATU is bypassed/off. But then I'd need to know how I'd set the switch relays, so maybe I'd just turn 'em on a little & let 'em blink. So that worked.

And then . . . And then I put bypass caps on all the LED and push button control lines so I wouldn't get weird stuff from the RF. Just little ones. Just .1 uF each. Not like a ton of capacitance there.

Did you know that if you put a .1 uF cap across a blinky diode that it stops blinking? It actually goes kinda dim and when you turn off the DC at the power supply, as the voltage drops from whatever to zero, the LED will blink once. Just once.

Kinda like discovering that you can lower the voltage to an oscillator and suddenly discover that it works better at 5V DC than at 13.6V DC.

How comes that? I mean, I really could use some bypassing on this, since at frequencies above 10 MHz there seems to be some weird interaction between the blinking & the RF. Such that they blink erratically until I cycle the power again. The power to the LEDs. It's a long story.

Or as Lord Such mightta said: "Whooooaaahh! Flashing Lights!"

73

Nils

. . . weird 10m stuff too . . . hrd a F# station on a couple days ago in the afternoon . . . and there's a very faint ZL on there now . . . even some PSK . . . "Whooooaaahh! Flashing Lights!"

Nils R. Bull Young -- El Gringo Errante -- La Estancia de los Guajolotes Sonrientes

W8IJN -- <http://www.geocities.com/nilsbull/w8ijn>

"In MY day we FIGHT to have earphones! Every DAY was STRUGGLE!"

-- Comrade Nikolai Sergeievich McTovarishov, 19

Oct 1917

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Date: Fri, 12 Oct 2001 19:25:48 -0600

From: Ron KU7Y <mswmod@bigplanet.com>

To: QRP-L <qrp-l@Lehigh.EDU>

Subject: [108619] Postponing again

Message-ID: <001901c15386\$51f1aac0\$5a56bad0@oemcomputer>

MIME-version: 1.0

Content-type: text/plain; charset=iso-8859-1

Content-transfer-encoding: 7bit

Hi All,

Just got a phone call a couple of hours ago that two of the grand kids down in Phoenix, AZ were in a car accident today and not doing well. Both in ICU at this point and the doctors have not had anything encouraging to say so far.

Will leave here in the morning for Phoenix, after getting the RV ready. Email will be down until I have the time to set up the 800 number again. QRP-L is on postpone again.

Later.....

73,

Ron, KU7Y
ku7y@qsl.net
Boise, ID

Date: Fri, 12 Oct 2001 19:30:25 -0600 (MDT)
From: "Karl F. Larsen" <k5di@zianet.com>
To: N8IE <n8ie@woh.rr.com>
Cc: Low Power Amateur Radio Discussion <qrp-l@Lehigh.EDU>
Subject: [108620] RE: Winter Cub Fox Roster
Message-ID: <Pine.LNX.4.33.0110121928130.3627-100000@cannac.fun>
MIME-Version: 1.0
Content-Type: TEXT/PLAIN; charset=US-ASCII

Sorry, the Cub Fox and the Fox contests are seperate and should stay such. Yes there are the same people doing them, and yes you can compete in both if you want to.

--

Yours Truly,

- Karl F. Larsen, k5di@arrl.net (505) 524-3303 -
<http://www.qsl.net/k5di/>

Date: Fri, 12 Oct 2001 21:35:50 -0400
From: "N8IE" <n8ie@woh.rr.com>
To: "QRP-1" <qrp-1@lehigh.edu>
Subject: [108621] RE: Winter Cub Fox Roster
Message-ID: <000e01c15387\$63be70c0\$0300a8c0@woh.rr.com>
MIME-Version: 1.0
Content-Type: text/plain;
 charset="iso-8859-1"
Content-Transfer-Encoding: 7bit

Thanks Karl, guess I've not kept up with the Fox messages.
I thought we were still having the regular hunts on Tue. and Thur. nights
plus the N/T+ hunts.

So is the Cub hunts on tues and the Foxii on Thur, is that the new schedule?

Thanks again.
72, oo
Dan, N8IE

-----Original Message-----

From: owner-qrp-1@Lehigh.EDU [mailto:owner-qrp-1@Lehigh.EDU] On Behalf Of
Karl F. Larsen
Sent: Friday, October 12, 2001 09:30 PM
To: Low Power Amateur Radio Discussion
Subject: RE: Winter Cub Fox Roster

Sorry, the Cub Fox and the Fox contests are seperate and should stay such.
Yes there are the same people doing them, and yes you can compete in both
if you want to.

--

Yours Truly,

- Karl F. Larsen, k5di@arrl.net (505) 524-3303 -
 <http://www.qsl.net/k5di/>

Date: Fri, 12 Oct 2001 22:33:10 -0400
From: Bill Coleman <aa4lr@arrl.net>

To: <cherry@getnet.net>,
"Low Power Amateur Radio Discussion" <qrp-1@Lehigh.EDU>
Subject: [108622] Re: ARCI test vs RTTY contest
Message-ID: <20011013023431.MCKX724.imf26bis.bellsouth.net@[192.168.0.20]>
Mime-Version: 1.0
Content-Type: text/plain; charset="US-ASCII"

On 9/30/01 8:41 PM, Jim FitzSimons at cherry@getnet.net wrote:

>Brice, the reason to be in a contest is usually to win. That is why I do not
>operate any contest. I tried to have fun during a contest once and I did not
>have fun.

Jim,

That depends entirely on how you define "winning."

99% of those who enter a contest do not make the top ten. Indeed, many participants don't even send in a log. Of those that do, only a handful have anywhere near the score required to take a top ten position. So, the conventional definition of "winning" doesn't apply.

Many participate to see if they can try to beat last years' score, or maybe get more mults than the guy across town. Most participate because of the sheer fun of handing out contacts.

I'll be at the NQ4I M/M for CQWW SSB in a few weeks. Rick knows he can't "win" #1 M/M. Someone in Morocco or the Azores or the Carribean will do that. He can't even "win" #1 M/M USA. You know that KC1XX or W3LPL or K3LR will do that. Heck, even getting #1 M/M US Region 4 is doubtful -- it means beating W4MYA, and perhaps others.

So why? Because it is durned fun! We work DXCC on several bands in a weekend! Make four, five or six thousand QSOs with hams all over the world! Each time I go, I learn more about operating. I learn what to listen for, what the band sounds like.

I'll never forget what 10m sounded like with DX SSB stations from 28.25 to above 29.2 in the 1999 CQWW SSB. I'll never forget how cool it was to watch Rick call for JAs on 160m split CW in the ARRL DX, and for them to answer him out of the noise at sunrise. Like magic.

If you avoid contests because they are no "fun", then you're missing out.

I'm sure the RTTY guys don't mean to bully the QRP guys around. It's just a contest. It's just a couple of weekends a year. Can't you sacrifice one ordinary operating day so thousands of other hams can have some fun?

Be warned, in the upcoming CQWW SSB, the bottom end of 40m is going to be crammed with DX stations. If you want to work 40m CW, your best bet is above 7.100, or below 7.010. Remember that CW is legal everywhere.

Bill Coleman, AA4LR, PP-ASEL Mail: aa4lr@arrl.net
Quote: "Not within a thousand years will man ever fly!"
 -- Wilbur Wright, 1901

Date: Fri, 12 Oct 2001 20:42:19 -0600
From: "James R. Duffey" <jamesd1@flash.net>
To: <qrp-l@lehigh.edu>
Subject: [108623] Thanks Lake Perris QRP Society!!
Message-ID: <B7ED062A.E1B7%jamesd1@flash.net>
Mime-version: 1.0
Content-type: text/plain; charset="US-ASCII"
Content-transfer-encoding: 7bit

Today I found a wonderful surprise in my mail box. A priority mail from Bill Phinizy and the Lake Perris QRP Society was there. After the uphill walk I eagerly opened it. Inside was the SW Convention QRP Forum Proceedings and a coffee mug with my name, call, the Lake Perris QRP Society Logo and an inscribed thank you for speaking. It is a wonderful gift which shall always cherish.

I had a blast at the forum and hope that it is a permanent fixture at future SW Division Conventions. If so, be sure to go if you are within driving distance.

I want to thank Bill and the Lake Perris Society for being gracious hosts. Being on the same platform with Elliott was worth the air fare alone. Did anybody get his call? - Dr. Megacycle KK6MC/5

--
James R. Duffey KK6MC/5
30 Casa Loma Road
Cedar Crest, NM 87008

Date: Fri, 12 Oct 2001 21:43:32 -0500

From: "ukii" <ukii@megsinet.net>
To: "Low Power Amateur Radio Discussion" <qrp-1@Lehigh.EDU>
Subject: [108624] Re: ARCI test vs RTTY contest
Message-ID: <011a01c15390\$db9ed4a0\$32f0fea9@core.com>
MIME-Version: 1.0
Content-Type: text/plain;
 charset="iso-8859-1"
Content-Transfer-Encoding: 7bit

AMEN!!!

>>>I'm sure the RTTY guys don't mean to bully the QRP guys around. It's just a contest. It's just a couple of weekends a year. Can't you sacrifice one ordinary operating day so thousands of other hams can have some fun?<<<

This was really WELL SAID!
I thank you. No,I am not a RTTY guy either,just one of the masses who wishes we could all,"just get along".

Have Fun,,,moderately,this is QRP!
73 de john
n9ukx

Date: Fri, 12 Oct 2001 22:53:23 -0400
From: "Mark J. Dulcey" <mark@buttery.org>
To: Bruce Muscolino <w6toy@erols.com>
Cc: Low Power Amateur Radio Discussion <qrp-1@Lehigh.EDU>
Subject: [108625] Re: Question: Scope Pictures with Digital Camera
Message-ID: <3BC7ACA3.6020103@buttery.org>
MIME-Version: 1.0
Content-Type: text/plain; charset=us-ascii; format=flowed
Content-Transfer-Encoding: 7bit

Bruce Muscolino wrote:

>>These days, scope pictures are usually made by using a
>>computer-interfaced scope and capturing the window on your PC.
>>
>>
> I would doubt this is used much at high frequencies! Maybe at audio and
> low frequencies, but 100 MHz and above?

Yes, at 100 MHz and above. Have a look at what the latest stuff from Tektronix and other scope manufacturers can do. There are also fancy

add-in cards for turning your computer into a digital storage scope.

This stuff is too rich for the blood of most hams, though - we're talking \$3,000 and up, and there's quite a bit of up if you need really high-end capabilities. I've seen a few show up at hamfests, but they're not cheap even then.

Date: Fri, 12 Oct 2001 20:56:38 -0600
From: "James R. Duffey" <jamesd1@flash.net>
To: <qrp-l@lehigh.edu>
Subject: [108626] Cohn IF Filters with Ceramic resonators?
Message-ID: <B7ED0986.E1B9%jamesd1@flash.net>
Mime-version: 1.0
Content-type: text/plain; charset="US-ASCII"
Content-transfer-encoding: 7bit

Does anybody on the list have experience making IF filters from ceramic resonators rather than quartz crystals?

I am interested in making a simple-non critical filter that is wide enough for intelligible AM (voice, not Hi-Fi) reception. I thought that with the lower Q of a ceramic resonator compared to a quartz crystal a single element filter that is OK for AM reception could be made.

Is there any reason that the measurement and design techniques used for crystal filters, including Wes Hayward's software would not work for filters made from Ceramic resonators? I can't think of any.

I know the loss will be much higher than with quartz crystals, but I don't envision that as a problem now. Thanks for any help you can provide. - Dr. Megacycle KK6MC/5

--
James R. Duffey KK6MC/5
30 Casa Loma Road
Cedar Crest, NM 87008

Date: Fri, 12 Oct 2001 23:15:12 -0400
From: "ZOOM" <kandrparker@sympatico.ca>
To: <mark@buttery.org>,
"Low Power Amateur Radio Discussion" <qrp-l@Lehigh.EDU>
Subject: [108627] Re: Question: Scope Pictures with Digital Camera
Message-ID: <004601c15395\$45c2a060\$3294fea9@robertpa>

MIME-Version: 1.0
Content-Type: text/plain;
charset="iso-8859-1"
Content-Transfer-Encoding: 7bit

Here is a pic I took with my entry level Sony Mavica digital camera. The pic speaks for itself. It works and works well! If you need more info on how I have done this, send me an e-mail.
<http://valveman.tripod.ca/scopee.jpg>

Cheers,
Robert
VE3RPF

----- Original Message -----

From: Mark J. Dulcey <mark@buttery.org>
To: Low Power Amateur Radio Discussion <qrp-l@Lehigh.EDU>
Sent: Friday, October 12, 2001 12:46 PM
Subject: Re: Question: Scope Pictures with Digital Camera

> Phinizy, William wrote:

>

> > Sorry for the bandwidth, but I am having a beastly time getting scope
> > pictures using my digital camera. It's a Fuji -- nothing extraordinary.
The

> > flash seems to wash out the trace (Tek 2445 or Tek T935) and pictures
done

> > without the flash are too dark and/or jittery to be useful. Certainly
> > nothing like the glamorous shots I have seen on some of the web sites
and

> > URLs from guys in the group..

> >

> > ..all sharing of trade secrets gratefully accepted and my sincere
gratitude

> > in advance.

>

>

> In the old days, scope pictures were taken by using a special scope
> camera attachment - it interfaced to the scope, so that the shutter was
> set off at the right moment. It also had a hood to keep out light.

>

> These days, scope pictures are usually made by using a
> computer-interfaced scope and capturing the window on your PC.

>

>

> Without either of those high-tech methods at hand, your best bet would
> be to use a film camera on a tripod, and take the picture in a darkened

> room without flash. You need a camera with manual shutter control to get
> enough exposure (and because the automatic control will be useless for
> reading scope traces - they don't cover a large enough area), and most
> digital cameras don't have it. (If you DO have a digital camera with
> manual controls, feel free to try it.)
>
>
>
>

Date: Fri, 12 Oct 2001 23:37:03 -0500
From: Monty N5FC <n5fc@io.com>
To: "John Fisher Downstairs" <jfisher2@austin.rr.com>,
AQR@egroups.com, qrp-l@Lehigh.edu
Subject: [108628] Re: [AQR] Cubic Foot of Battery
Message-ID: <5.1.0.14.1.20011012230715.00a71d70@mail.io.com>
Mime-Version: 1.0
Content-Type: text/plain; charset="us-ascii"; format=flowed

Hi John!

I disagree that the Deep Discharge battery is best for radio service. "Deep Discharge" means that the battery will survive a discharge down to 4 or 5 volts without permanently damaging the battery (this is not the case for most lead-acid batteries, which should never be discharged below 10 Volts. You need deep discharge on a boat. Even so, deep discharge or not, leaving a battery severely discharged for days or weeks will accelerate sulfation, which is generally causes permanent reduction of battery capacity. Most rigs will not operate properly below about 11 volts (or 12 Volts in the case of my Scout - HI), so deep discharge should not really be an issue for hams.

Car batteries are another poor choice. They are especially unforgiving of deep discharge, and have a high self-discharge rate, which means they need to be charged more often.

The real issue of choice (besides raw capacity), in my opinion, is longevity. From my experience with electronic equipment in the field (professional experience, that is), the gel cell or sealed-lead-acid (SLA) battery is the only good choice. Kept properly charged (which means charge it every 3 or 4 months whether it needs it or not), it will give you service life of 3 or more years. Also, being sealed, they can be operated in any position, and properly packaged (check the DOT regs), they can be air-transported. Batteries used for wheelchairs, rated at 30-33 Amp-Hours, are about the size you're looking for. Retail, they typically cost about

\$75 at stores like Batteries Plus. They *like* running radio equipment.

Be careful not to charge a gel-cell or SLA to a voltage above 14.7 volts. Above that voltage, the outgassing will blow the internal seal. You won't know it for awhile, but your battery will begin to lose capacity (because the electrolyte is drying out), and within 6 months or a year, it will be pretty useless. Typical automobile and marine chargers can reach voltages over that limit. Don't trust them unless you actually monitor them.

The best charger for a gel-cell or SLA, believe it or not, may be your transceiver's 12 Volt power supply, which typically puts out a steady 13.5 - 13.8 VDC. Put a power resistor in series with it to limit the current to Capacity/10 Amps. Within 12 hours or so it will be charged to 95% of capacity, and within 36 hours to near 100%. And by not exceeding 13.8 VDC, you never produce significant gasification in the electrolyte.

Good luck!

73,
monty N5FC

At 20:07 10/12/2001 -0500, you wrote:

>Dear AQRP,

>

> Speaking of a "Cubic Foot of Radio", I am getting ready to make a
> "Cubic Foot of Battery" to put under it. So I have a few questions. My
> understanding is that the battery of choice for radio work is the Deep
> Discharge Marine battery as opposed to a normal car battery. My
> understanding is that the plates are better in the Marine battery. With
> that in mind I don't understand the difference in chargers for the two. I
> would like to know the best way to maintain a Marine battery and what are
> the do's and don'ts. I would like to periodically operate off the battery
> and then put it back on the charger. I would then like the charger to
> keep the battery topped off. My old charger doesn't have a marine setting
> and I don't want to over cook the trickle charge. I'm going to mount the
> Plastic Battery case inside a cubic foot of 1/2 inch square
> tubular frame as I did for my FT-100, Power supply and MFJ tuner in the
> cubic foot of radio. I would also like a little more feedback on the ARES
> power connector issue. The National ARES standard is the Molex but as
> Rick and Stuart have pointed out there is a truly superior albeit
> expensive alternate power connector from Anderson PowerPole. I would like
> to know how the local ARES people are resolving this issue. What is the
> best connector to use for ARES hookup especially here in Austin. Thanks
> for all your help.

>

>Regards,

>John

>
>=====

>email: jfisher2@austin.rr.com
>web: http://home.austin.rr.com/jfisher2
>callsign: K5JHF
>=====

>
>
>
>
>[Non-text portions of this message have been removed]
>
>
>Via the AQRP List
>
>Your use of Yahoo! Groups is subject to <http://docs.yahoo.com/info/terms/>

Monty Northrup, N5FC
Austin, Texas
e-mail: n5fc@io.com
web page (ham radio): <http://www.io.com/~n5fc>
web page (home): <http://www.io.com/~maddog>

Date: Fri, 12 Oct 2001 23:53:27 -0500
From: "George, W5YR" <w5yr@att.net>
To: n5fc@io.com
Cc: Low Power Amateur Radio Discussion <qrp-l@Lehigh.EDU>
Subject: [108629] Re: [AQRP] Cubic Foot of Battery
Message-ID: <3BC7C8C7.96B29371@att.net>
MIME-Version: 1.0
Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: 7bit

I keep a 14 amp-hour gel cell connected across the station "12 volt" supply - actually 13.8 volts from an Astron VM35 - suitable fused for protection. The power supply remains on 24/7 and trickle charges the gel cell.

During momentary power interruptions, the gel cell functions in the manner of a UPS, delivering enough voltage to keep the radio equipment operational until a-c power is restored. Of course, one does not transmit under these conditions, but the arrangement does prevent the radio from being power-cycled each time the a-c goes off and back on - which happens fairly frequently out here "in the country."

Technically, one should also use an isolation diode to avoid damage to the

power supply.

72/73, George W5YR - the Yellow Rose of Texas QRP-L 1373 NETXQRP 6
Fairview, TX 30 mi NE of Dallas in Collin county EM13qe SOC 262
Amateur Radio W5YR, in the 56th year and it just keeps getting better!
Icom IC-756PRO #02121 Kachina #91900556 IC-765 #02437

Monty N5FC wrote:

> The best charger for a gel-cell or SLA, believe it or not, may be your
> transceiver's 12 Volt power supply, which typically puts out a steady 13.5
> - 13.8 VDC. Put a power resistor in series with it to limit the current to
> Capacity/10 Amps. Within 12 hours or so it will be charged to 95% of
> capacity, and within 36 hours to near 100%. And by not exceeding 13.8 VDC,
> you never produce significant gasification in the electrolyte.

Date: Fri, 12 Oct 2001 22:32:50 -0700
From: "Donald Philbin" <donaaldphilbin@hotmail.com>
To: qrp-l@Lehigh.EDU
Cc: donaaldphilbin@hotmail.com
Subject: [108630] Help needed with Winspice3
Message-ID: <F58WCy7rjcxtniFKULP00002edf@hotmail.com>
Mime-Version: 1.0
Content-Type: text/plain; format=flowed

Help!

I am just beginning with Winspice3 and I have downloaded and printed K5F0's
Spice tutorial for QRPers (Chuck Adams) as well as A tutorial for Spice3 /
Nutmeg (Mike Smith) as well as the WinSpice User's Manual (Mike Smith) so
here is the problem:

I have installed WinSpice3 and it appears to load properly and gives me the
expected 1> Winspice1 -> prompt.

When I type up the simple example below, (using wordpad and saving the file
as a text file) from the Spice 3 tutorial (by the way he is missing a .end
statement on his example, I added it) and I try and load it into
Winspice3..winspice1 -> test1

I receive an error message "test1: no such command available in Winspice"

I tried listing the program without any luck...what am I doing wrong?
Help!

D.K. Philbin KD6TK

* Title : My first Circuit test2

```
vcc 3 0 5v
vin 1 0 0v
r1 3 2 10k
m1 2 1 0 0 modn
.model modn nmos
.dc vin 0 5 .1
.end
```

Get your FREE download of MSN Explorer at <http://explorer.msn.com/intl.asp>

Date: Sat, 13 Oct 2001 08:25:46 +0000
From: "Leon Heller" <leon_heller@hotmail.com>
To: jamesd1@flash.net, qrp-1@Lehigh.EDU
Subject: [108631] Re: Cohn IF Filters with Ceramic resonators?
Message-ID: <F40topWd7KKQpQq5pne00005a3e@hotmail.com>
Mime-Version: 1.0
Content-Type: text/plain; format=flowed

>Does anybody on the list have experience making IF filters from ceramic
>resonators rather than quartz crystals?
>

I did this many years ago for an AM filter. A supplier of ceramic resonators intended for use in the emitter circuits of IF amplifier strips had a circuit I used. It worked very well. I think it used eight resonators.

The 455 KHz ceramic filters made by Murata use this technique, I think.

The techniques used to design crystal ladder filters will work OK with ceramic resonators. They have the same equivalent circuit.

73, Leon

--

Leon Heller, G1HSM Tel: +44 1327 359058 Email:leon_heller@hotmail.com
My web page: http://www.geocities.com/leon_heller
My low-cost Altera Flex design kit: <http://www.leonheller.com>

Get your FREE download of MSN Explorer at <http://explorer.msn.com/intl.asp>

Date: Sat, 13 Oct 2001 08:34:16 +0000
From: "Leon Heller" <leon_heller@hotmail.com>
To: donaldphilbin@hotmail.com, qrp-1@Lehigh.EDU
Subject: [108632] Re: Help needed with Winspice3
Message-ID: <F173XgWZGbRkpiaLBFJ00005aed@hotmail.com>
Mime-Version: 1.0
Content-Type: text/plain; format=flowed

I tried it with the new Pulsonix Spice I'm beta testing, and it was accepted, FWIW.

73, Leon

--

Leon Heller, G1HSM Tel: +44 1327 359058 Email:leon_heller@hotmail.com
My web page: http://www.geocities.com/leon_heller
My low-cost Altera Flex design kit: <http://www.leonheller.com>

Get your FREE download of MSN Explorer at <http://explorer.msn.com/intl.asp>

Date: Sat, 13 Oct 2001 08:50:05 +0000
From: "Leon Heller" <leon_heller@hotmail.com>
To: nilsbull@juno.com, qrp-1@Lehigh.EDU
Subject: [108633] Re: Blinky LEDs queskin & stuff
Message-ID: <F49uWrJBcBP3vulemQw00005a2a@hotmail.com>
Mime-Version: 1.0
Content-Type: text/plain; format=flowed

>Gang,

>

>Back when I was a salt, OT3 Dennis Ackerson, one of my shipmates, had a
>record by a guy named Lord Such. It was pretty awful. One of the tunes

>that we always cracked up over as one that began with a bunch of guitar
>noise and then this voice howling "Whooooaaahh! Flashing Lights!"

That was the late Screaming Lord Sutch (real name David Sutch). He went on to found the Raving Loony Monster Party, which contested political elections here in the UK. Sutch himself used to take on the high profile seats against people like Thatcher. They never got anywhere, unfortunately, although some of their less loony policies were taken up by the established parties.

It used to be quite amusing with election broadcasts to hear the list of candidates being read out - Thatcher, Conservative followed by Sutch, Raving Monster Loony.

73, Leon

--

Leon Heller, G1HSM Tel: +44 1327 359058 Email:leon_heller@hotmail.com

My web page: http://www.geocities.com/leon_heller

My low-cost Altera Flex design kit: <http://www.leonheller.com>

Get your FREE download of MSN Explorer at <http://explorer.msn.com/intl.asp>

Date: Sat, 13 Oct 2001 07:19:30 -0400
From: "w8diz" <w8diz@fpqrp.com>
To: <fpqrp-l@fpqrp.com>
Cc: "QRP-L" <qrp-l@Lehigh.EDU>
Subject: [108634] Truffle Hunts
Message-ID: <012f01c153d8\$ee028b30\$39d81b41@cinci.rr.com>
MIME-Version: 1.0
Content-Type: text/plain;
 charset="iso-8859-1"
Content-Transfer-Encoding: 7bit

Hey gang...

Dan, N8IE has started the "Truffle Hunt" web page at http://fpqrp.com/pig_hunt.html

We need more victims (volunteers).

The TRUFFEL hunts start 30 minutes before the FOX hunts and last 30 minutes.
It's a great warmup for the main event; same rules of operation

BTW, you do not have to be a 'Flying Pig' to participate;
all are encouraged to be TRUFFELS and/or Hunters.

Please Email Dan at n8ie@woh.rr.com if you are interested in being a "Truffel".

72 & "oo's" - Dieter (DIZ) Gentzow - W8DIZ - Loveland, Ohio
Clermont County - EM79uf - near Cincinnati; 39.218N - 84.305W
SOC-8 DLQRPAG-1454 ARCI-10226 ARS-781 QRPL-1998 10X-9389 CATT-26
FP#-1 <http://home.cinci.rr.com/w8diz> & <http://kitsandparts.com>

Date: Sat, 13 Oct 2001 06:57:55 -0500
From: "Bill Johnson" <wjohnson@dcwis.com>
To: "Low Power Amateur Radio Discussion" <qrp-1@Lehigh.EDU>
Subject: [108635] RE: Tell Me I should not buy an FT-817
Message-ID: <LPBBIJFJHHMCDNHIEMMCMEBCENAA.wjohnson@dcwis.com>
MIME-Version: 1.0
Content-Type: text/plain;
 charset="iso-8859-1"
Content-Transfer-Encoding: 7bit

>.....[K-2]... "IN" radio to own. If you
>didn't have one, well, you were just out of luck. It
>seems that now the 817 is the new "IN"

These radios are getting lots of great press, but there are so many great QRP radios to choose from. I chose these two for my station as they fulfill my needs for now and long into the future. The K-2 with all the accessories is my main rig and the 817 is my secondary rig intended primarily for vhf/uhf and is quick to stuff into a bag and go anywhere on any freq and band. I didn't consider either of them to be cult or "in" types of rigs, even though they may appear to be just that. The portability, features and size are so attractive to many of us.

If you ever owned/operated the Yaesu FT-290R and loved it then you know how much better the 817 is compared. You get 6 and 440 in the same box with HF thrown in.

If you enjoy building or love the thrill of building something that works exquisitely and doesn't require lots of test equipment, then there is no finer kit experience in my personal opinion than the K-2. It is an accomplishment to build and successfully operate. A love of QRP is the

biggest thrill, no matter what equipment you have. Some of us are fortunate enough to have both. But then, I sure would love an FT-1000, but then, where would I put it?

I have had several other very fun radios such as the HW-8 which I also built, NC-40a, FT290R, 38 Special. Other than the HT I own, the 817 and K-2 are the only radios I have. They are small and allow me to share a computer and desk space with my wife.

Bill

K9YEQ

K-2 #35, FT 817, Z-11, Rainbow Tuner, Norcal Key, ATX antenna
MN QRP CLUB

Date: Sat, 13 Oct 2001 07:50:15 -0500
From: Terry Bassett <mutabut@net66.com>
To: "Low Power Amateur Radio Discussion" <qrp-1@Lehigh.EDU>
Subject: [108636] Re: High peak in Indiana - Pictures
Message-ID: <200110131247.HAA11362@winslow.net66.com>
Content-Type: text/plain;
charset="iso-8859-1"
MIME-Version: 1.0
Content-Transfer-Encoding: 8bit

snip

> > p.s. Great pictures Gary!

It is Deja Vu all over again. The peaks here in Illinois look just like that.

73,

Terry KA9TXE

Date: Sat, 13 Oct 2001 05:58:43 -0700
From: "Trevor Jacobs" <fxtech@earthlink.net>
To: "Low Power Amateur Radio Discussion" <qrp-1@Lehigh.EDU>
Subject: [108637] Mouse Problems RFI w/PSK31
Message-ID: <001101c153e6\$ca66c200\$2ae2b3d1@tjacobs>
MIME-Version: 1.0

Content-Type: text/plain;
charset="iso-8859-1"
Content-Transfer-Encoding: 7bit

Hi Everyone,

Well, I finally found some time to build an isolated interface for PSK31 and gave it a go tonight. Was a blast! Now here's the problem, if I turn the transmitter up to 40 watts (I know, not QRP) the mouse cursor starts dancing around, so I figured that the unshielded cable of this Microsoft 2 button mouse is picking up RF. Well, I have some of these clip on ferrite beads, and put one on the line next to the input of the mouse and one on the line going into the PC, and it improved it a bit, but it didn't cure it. I've notice this also when running my AM gear, and would like to know if there is a cure for the mice creeps Hi! Any ideas...Thanks in advance...

72/73
Trev
KG6CYN

Date: Sat, 13 Oct 2001 07:00:14 -0600 (MDT)
From: "Karl F. Larsen" <k5di@zianet.com>
To: N8IE <n8ie@woh.rr.com>
Cc: Low Power Amateur Radio Discussion <qrp-1@Lehigh.EDU>
Subject: [108638] RE: Winter Cub Fox Roster
Message-ID: <Pine.LNX.4.33.0110130657270.1482-100000@cannac.fun>
MIME-Version: 1.0
Content-Type: TEXT/PLAIN; charset=US-ASCII

Hi Dan, been so busy I haven't checked the Fox schedule that Doc made. I can speak for the Cub Fox Hunts and they are all on Tuesday without any fancy 2 Fox days. By popular request I am making a new Cub Fox Roster that is easier to read. It will show up here today.

On Fri, 12 Oct 2001, N8IE wrote:

> Thanks Karl, guess I've not kept up with the Fox messages.
> I thought we were still having the regular hunts on Tue. and Thur. nights
> plus the N/T+ hunts.
>
> So is the Cub hunts on tues and the Foxii on Thur, is that the new schedule?
>
> Thanks again.
> 72, oo

> Dan, N8IE
>
>
> -----Original Message-----
> From: owner-qrp-1@Lehigh.EDU [mailto:owner-qrp-1@Lehigh.EDU]On Behalf Of
> Karl F. Larsen
> Sent: Friday, October 12, 2001 09:30 PM
> To: Low Power Amateur Radio Discussion
> Subject: RE: Winter Cub Fox Roster
>
>
>
> Sorry, the Cub Fox and the Fox contests are seperate and should stay such.
> Yes there are the same people doing them, and yes you can compete in both
> if you want to.
>
> --
> Yours Truly,
>
> - Karl F. Larsen, k5di@arrl.net (505) 524-3303 -
> <http://www.qsl.net/k5di/>
>
>
>
>

--

Yours Truly,

- Karl F. Larsen, k5di@arrl.net (505) 524-3303 -
<http://www.qsl.net/k5di/>

Date: Sat, 13 Oct 2001 07:04:58 -0600 (MDT)
From: "Karl F. Larsen" <k5di@zianet.com>
To: Richard Mulvey <rich@mulveyfamily.com>
Cc: Low Power Amateur Radio Discussion <qrp-1@Lehigh.EDU>
Subject: [108639] Re: CW
Message-ID: <Pine.LNX.4.33.0110130702050.1482-100000@cannac.fun>
MIME-Version: 1.0
Content-Type: TEXT/PLAIN; charset=US-ASCII

Hi Richard, That is simply unbelievable! I worked with Dan Hunt w5wxn and we talked moon bounce a lot and he is now an old hand at that. I will call him and let him explain how you made a QRP moonbounce contact. And will check the web page.

On 12 Oct 2001, Richard Mulvey wrote:

> On 12 Oct 2001 17:27:45 -0600, Karl F. Larsen wrote:
> >
> > While I agree that CW need no longer be a requirment for a Ham
> > license, it's still a neet thing to use when QRP. It works just enough
> > better than ssb to make it viable when conditions are poor.
> >
> > Moon bounce operators are all good CW operators because too often
> > the s/n is terrible. Only CW, slow, can make it.
>
>
> "only CW"? Far from it.
>
> Perhaps you're unaware that a true QRP - 5 watts - EME contact was made
> earlier this year with generic TVRO dishes. They were using the DSP-10
> rigs and the mode was PUA43. Details at:
>
> <http://www.proaxis.com/~boblark/dsp10.htm>
>
> I just got my DSP-10 kit, and my soldering iron is warming up....
>
> - Rich
>
>
>
>
>
>

--

Yours Truly,

- Karl F. Larsen, k5di@arrl.net (505) 524-3303 -
<http://www.qsl.net/k5di/>

Date: Sat, 13 Oct 2001 09:13:14 -0400
From: Bruce Muscolino <w6toy@erols.com>
To: K2UD@adelphia.net
Cc: Low Power Amateur Radio Discussion <qrp-1@lehigh.edu>
Subject: [108640] Re: A different low power....and a light-beam communicator
Message-ID: <3BC83DEA.2F2FA5BB@erols.com>
MIME-Version: 1.0
Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: 7bit

Howard,

Actually light beam communications has a long and interesting history. If you read the issues of QST from during the war years you will find it was used for WERS (War Emergency Radio Service, I think) communication nets after ham radio was shut down. A contributor to this mix of articles was my callsake, the original W6TOY, a woman, who was living and working in the Pittsburgh area. She wrote at least one definitive article about communicating using a light beam!

73

Date: Sat, 13 Oct 2001 09:12:52 -0400
From: "Mike Yetsko" <myetsko@insydesw.com>
To: <mark@buttery.org>,
"Low Power Amateur Radio Discussion" <qrp-l@lehigh.edu>
Subject: [108641] Re: Question: Scope Pictures with Digital Camera
Message-ID: <004101c153e9\$37151b20\$0600a8c0@charter.net>
MIME-Version: 1.0
Content-Type: text/plain;
charset="iso-8859-1"
Content-Transfer-Encoding: 7bit

I have a Fluke ScopeMeter and it goes to 50MHz.

Heck, RADIO SHACK sells the ScopeMeter 123 and it will go to 100MHz. Of course, it's \$1200, but that isn't that bad considering what you get.

A LOT of the 'professional' stuff now goes to 400MHz or higher. And at relatively reasonable prices.

Mike

----- Original Message -----
From: Mark J. Dulcey <mark@buttery.org>

> Bruce Muscolino wrote:
>
>
> >>These days, scope pictures are usually made by using a
> >>computer-interfaced scope and capturing the window on your PC.
> >>
> >>

> > I would doubt this is used much at high frequencies! Maybe at audio
and
> > low frequencies, but 100 MHz and above?
>
> Yes, at 100 MHz and above. Have a look at what the latest stuff from
> Tektronix and other scope manufacturers can do. There are also fancy
> add-in cards for turning your computer into a digital storage scope.
>
> This stuff is too rich for the blood of most hams, though - we're
> talking \$3,000 and up, and there's quite a bit of up if you need really
> high-end capabilities. I've seen a few show up at hamfests, but they're
> not cheap even then.
>
>

Date: Sat, 13 Oct 2001 09:35:56 -0400 (EDT)
From: "Paul R. Valko" <prvalko@oakland.edu>
To: Bruce Muscolino <w6toy@erols.com>
Cc: Low Power Amateur Radio Discussion <qrp-l@Lehigh.EDU>
Subject: [108642] A Radio Shack ... light-beam communicator
Message-ID: <Pine.OSF.4.21.0110130930360.5622-100000@saturn4.acs.oakland.edu>
MIME-Version: 1.0
Content-Type: TEXT/PLAIN; charset=US-ASCII

One of the first electronics projects that I ever built (back in
1971) was an old Radio Shack "P-Box" kit that used an LED and a
primitive CCD cell to "talk" over a light beam!

It had a range of about five inches :-)

Speaking of remembrances... who else fondly remember those old
P-Kits? I also built a regenerative SW receiver. This was probably five
years before I got my Novice licence.

73! =paul= W8KC
Collector of Ten*Tecs and other fine plastics.
Visit the Virtual Ten*Tec Museum at:
<<http://www.acs.oakland.edu/~prvalko>>

Date: Sat, 13 Oct 2001 09:34:46 -0400

From: Bruce Muscolino <w6toy@erols.com>
To: mark@buttery.org
Cc: Low Power Amateur Radio Discussion <qrp-1@lehigh.edu>
Subject: [108643] Re: Question: Scope Pictures with Digital Camera
Message-ID: <3BC842F6.FE2FF767@erols.com>
MIME-Version: 1.0
Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: 7bit

Mark,

>
> This stuff is too rich for the blood of most hams, though - we're
> talking \$3,000 and up, and there's quite a bit of up if you need really
> high-end capabilities. I've seen a few show up at hamfests, but they're
> not cheap even then.

>
In a world where people ask whether they can look at their 7 mHz signal with an old Heathkit scope, this stuff is really science fiction. Sure, if I was still working I would probably have access to such equipment. However, my old Tektronix 465 will have to do. Also note that almost every signal you have ever looked at in ham radio was repetitive. You may have arranged to watch it by using the scope's trigger, but that was convenience. There are very few cases where non-reoccurring transients are a big issue in ham radio!

73

Date: Sat, 13 Oct 2001 06:40:22 -0700
From: "N7SG K7FD" <k7fd@hotmail.com>
To: qrp-1@Lehigh.EDU
Cc: elecrafft@qth.net
Subject: [108644] Fists Fall Sprint today!
Message-ID: <F155g1fDc5DYge2Qw4h00018b0a@hotmail.com>
Mime-Version: 1.0
Content-Type: text/plain; format=flowed

K7Low Fists Club #7825 will be on, too. Pls listen for our K2 signal on 20/15/10 near the fists/qrp frequencies...

73 John K7FD at K7Low, QRPacific QRP Club
Sprint info: <http://www.fists.org/sprints.html>

>From: "N8IE" <n8ie@woh.rr.com>

>Hey folks,
>Please listen for the Flying Pigs QRP Club, #7373 to be active with the

>club
>call W8PIG during the Sprint.
>
>We will be near the QRP and FISTS freq. from 10-40 meters.
>Hope to work you!!!
>
>72, oo
>Dan, N8IE
>FPqrp #-6, FISTS #4985
>I have a SOC # but I forgot it!

Get your FREE download of MSN Explorer at <http://explorer.msn.com/intl.asp>

Date: Sat, 13 Oct 2001 08:54:40 -0400
From: "Tom" <n1tp@worldnet.att.net>
To: <k7fd@hotmail.com>,
 "Low Power Amateur Radio Discussion" <qrp-1@Lehigh.EDU>
Subject: [108645] Re: Fists Fall Sprint today!
Message-ID: <000601c153e6\$39f62260\$4c984d0c@tom>
MIME-Version: 1.0
Content-Type: text/plain;
 charset="Windows-1252"
Content-Transfer-Encoding: 7bit

At what hour UTC do these activities start?
How many hours will the Sprint be on the air?

Tom, N1TP

----- Original Message -----
From: "N7SG K7FD" <k7fd@hotmail.com>
To: "Low Power Amateur Radio Discussion" <qrp-1@Lehigh.EDU>
Sent: Saturday, October 13, 2001 9:40 AM
Subject: Fists Fall Sprint today!

> K7Low Fists Club #7825 will be on, too. Pls listen for our K2 signal on
> 20/15/10 near the fists/qrp frequencies...
>
> 73 John K7FD at K7Low, QRPacific QRP Club
> Sprint info: <http://www.fists.org/sprints.html>
>
> >From: "N8IE" <n8ie@woh.rr.com>

>
> >Hey folks,
> >Please listen for the Flying Pigs QRP Club, #7373 to be active with the
> >club
> >call W8PIG during the Sprint.
> >
> >We will be near the QRP and FISTS freq. from 10-40 meters.
> >Hope to work you!!!
> >
> >72, oo
> >Dan, N8IE
> >FPqrp #-6, FISTS #4985
> >I have a SOC # but I forgot it!
>
>
> -----
> Get your FREE download of MSN Explorer at <http://explorer.msn.com/intl.asp>
>

Date: Sat, 13 Oct 2001 09:52:29 -0400
From: Dave Fouchey <dafouchey@home.com>
To: "Low Power Amateur Radio Discussion" <qrp-1@Lehigh.EDU>
Subject: [108646] Re: High peak in Indiana - Pictures
Message-ID: <4.1.20011013094902.0099f840@localhost>
Mime-Version: 1.0
Content-Type: text/plain; charset="us-ascii"

Does operating from the top of a Florida Sand Dune count as a high spot?
Looking out at the blue Atlantic, distracted by the bikini's, how does that
compare with working the highest point in Illinois?

Of course now being in Metro Detroit the high points would be local land
fills or up at Holly...

73's
Dave
WA4EMR/8

Date: Sat, 13 Oct 2001 06:57:12 -0700
From: "N7SG K7FD" <k7fd@hotmail.com>
To: n1tp@worldnet.att.net
Cc: qrp-1@Lehigh.EDU

Subject: [108647] Re: Fists Fall Sprint today!
Message-ID: <F69j4058ouEJLD62g2A00004f8c@hotmail.com>
Mime-Version: 1.0
Content-Type: text/plain; format=flowed

>At what hour UTC do these activities start?
>How many hours will the Sprint be on the air?
>
>Tom, N1TP

1700UTC to 2100UTC...all info at website listed below...

>From: "N7SG K7FD" <k7fd@hotmail.com>
>

> > Sprint info: <http://www.fists.org/sprints.html>
> >

Get your FREE download of MSN Explorer at <http://explorer.msn.com/intl.asp>

Date: Sat, 13 Oct 2001 10:02:26 -0400
From: "N8IE" <n8ie@woh.rr.com>
To: "QRP-1" <qrp-1@lehigh.edu>
Subject: [108648] RE: Fists Fall Sprint today!
Message-ID: <000101c153ef\$b0516ce0\$0300a8c0@woh.rr.com>
MIME-Version: 1.0
Content-Type: text/plain;
 charset="iso-8859-1"
Content-Transfer-Encoding: 7bit

Good luck today guys and have fun.

Don't forget to send in the logs, I like getting lots of entries in the QRP category. :-)

72, oo
Dan, N8IE

-----Original Message-----

From: owner-qrp-1@Lehigh.EDU [mailto:owner-qrp-1@Lehigh.EDU] On Behalf Of
N7SG K7FD
Sent: Saturday, October 13, 2001 09:40 AM

To: Low Power Amateur Radio Discussion
Subject: Fists Fall Sprint today!

K7Low Fists Club #7825 will be on, too. Pls listen for our K2 signal on 20/15/10 near the fists/qrp frequencies...

Date: Sat, 13 Oct 2001 10:05:56 -0400
From: Bruce Muscolino <w6toy@erols.com>
To: aa4lr@arrl.net
Cc: Low Power Amateur Radio Discussion <qrp-l@lehigh.edu>
Subject: [108649] Re: ARCI test vs RTTY contest
Message-ID: <3BC84A44.675EB5DE@erols.com>
MIME-Version: 1.0
Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: 7bit

Bill,

Well said! I was a casual contest participant for many years, until I moved to Europe in 1978. After getting settled I thought I would like to try out my new station to see what its capability might be. Fortunately the very weekend I came up with this idea the CQ WW CW test was on. I got on and in the course of a weekend I worked about 85 countries, mostly on 20 meters! I was using a TS520 and a ground mounted vertical. I also got hooked on the idea of entering contests.

I think my record for three years living in The Netherlands speaks well for itself. I got a lot of wall paper too! It was fun. I never came close to winning outright, I made only about 8000 QSO;'s in the three years I was there, but the process improved all my operating skills!

I think people entering a contest should have specific goals. I want to make more QSOs than last year, I want to work a certain country. I want to add x number of ountries/states/sections to my totals. I just want to make a couple of contacts to see what it is like. I agree that normal operation should be suspended for the period of time the contest is on the band you want to use!

73

Date: Sat, 13 Oct 2001 10:15:10 -0400
From: Bruce Muscolino <w6toy@erols.com>
To: unlisted-recipients;; (no To-header on input)
Cc: Low Power Amateur Radio Discussion <qrp-l@lehigh.edu>
Subject: [108650] Re: CW
Message-ID: <3BC84C6E.D0EB153A@erols.com>
MIME-Version: 1.0
Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: 7bit

Gang,

Isn't the issue really to keep non-CW modes from taking over our segments? I happen to be almost 100% CW. I know others who are exactly the same way with SSB. We are both hams and both derive tremendous enjoyment from our hobby!

In this country we both have large bandwidths in which to practice our hobby. The band plans seem to make it so. We have coexisted for about 70 years without starting an internal war.

Sure, there are times when one group has an event at the same time as another. This should be looked at as an opportunity to improve our skills rather than to attack the other mode! CW, for example, has been touted as getting through no matter what. So prove it to yourself and others, and copy it through that darned RTTY carrier. Maybe you need a better filter, not a bigger typewriter!

Let's make sure that our sub-bands aren't sold down the river by the ARRL in the coming WARC. Fight for what we want. The league has ham radio's interests at heart, but they also have their own interest at heart. They want to sell ads, and subscriptions. It is in their interest to kill off CW and allow full use of the bands for SSB. We have to remind them of their responsibility to ALL hams!

73

Date: Sat, 13 Oct 2001 08:18:48 -0600 (MDT)
From: "Karl F. Larsen" <k5di@zianet.com>
To: <qrp-l@lehigh.edu>
Subject: [108651] New Cub Fox Roster
Message-ID: <Pine.LNX.4.33.0110130817020.1838-100000@cannac.fun>
MIME-Version: 1.0
Content-Type: TEXT/PLAIN; charset=US-ASCII

This is the new roster with the information being easier to read.
I hope it looks all right on your e-mail server. Looks fine on mine...:-)

Week	Date	Call Name	SPC
1	10/30/01	N1TP Tom	FL
2	11/6/01	KA8MAV	Brice IN
3	11/13/01	NQ7T Gary	WA
4	11/20/01	W0IS Rick	MN
5	11/27/01	K04WX	Mike GA
6	12/4/01	KB9YIG	Tony IN
7	12/11/01	AG0T Todd	ND
8	12/18/01	N0IT Dave	MO
9	12/25/01	VE3FAL	Fred Ont
10	1/1/02	K5DI Karl	NM
11	1/8/02	N1TP Tom	FL
12	1/16/02	KA8MAV	Brice IN
13	1/22/02	NQ7T Gary	WA
14	1/29/02	W0IS Rick	MN
15	2/5/02	K04WX	Mike GA
16	2/12/02	KB9YIG	Tony IN
17	2/19/02	AG0T Todd	ND
18	2/26/02	N0IT Dave	MO
19	3/5/02	VE3FAL	Fred Ont
20	3/12/02	K5DI Karl	NM

kfl 10/13/01

--

Yours Truly,

- Karl F. Larsen, k5di@arrl.net (505) 524-3303 -
<http://www.qsl.net/k5di/>

Date: Sat, 13 Oct 2001 09:25:03 -0500
From: Dave Gingrich <gingrich2@dcg.org>
To: bdh@cyberbound.net
Cc: "Low Power Amateur Radio Discussion" <qrp-l@Lehigh.EDU>
Subject: [108652] Re: High peak in Indiana - Pictures
Message-ID: <5.1.0.14.2.20011013084249.01d7f050@172.22.1.1>
Mime-Version: 1.0
Content-Type: text/plain; charset="us-ascii"; format=flowed

At 17:10 10/12/2001 -0500, Brice D. Hornback wrote:

>WOW!!! Those photos are AWESOME!!! That view is incredible! Did you have
>to stop half-way up so you could adjust to the altitude? I don't know how
>you guys do it.

Well Brice, It was indeed a daunting challenge but my trusty steed "Camry,"
proved up to the task. Braving a fierce 5 MPH wind out of the East, Camry
bravely took on the 80 mile trek from my home QTH in Indianapolis to the
site. Adding to the challenge of negotiating the hazardous trail
(Interstate 70), the elevation increased more than 400 feet. More than half
of that in the last 20 miles!

After arriving at the parking area, it was a breathtaking 30 foot walk to
the site, avoiding what seemed to be certain disaster of two large
mudpuddles. I was able to stop briefly to hoist the equipment up over the
fence. Some group called "highpointers" had previously installed a
permanent fixture allowing me to secure the gear while I walked up and down
the steps.

After getting the antenna up and the operating position
established... They came.... mosquitos... Thousands of 'em. My only
protection was Camry, but she was resting on the other side of the
fence! How could I make it back? Risking certain itching, I made a few
contacts in Michigan and Indiana, pulled the antenna out of the tree and
ran back to Camry for protection.

Secured safely under Camry's shields, we returned home satisfied that the
first operation from the Top of Indiana would be forever in the record
book. As we pulled out onto the trail, I began to think of future trips
back to this location when I could work more than just a few stations,
perhaps thousands! Next time I'll remember the damn bugspray!

> Here's a few pix of my trip to the Top of Indiana last month.
>
> <http://dcg.org/hoosierhill>

=====
Dave Gingrich, K9DC
Indianapolis, Indiana
Dave@dcg.org
=====

Date: Sat, 13 Oct 2001 10:31:08 -0400
From: Bruce Muscolino <w6toy@erols.com>
To: prvalko@oakland.edu
Cc: Low Power Amateur Radio Discussion <qrp-l@lehigh.edu>
Subject: [108653] Re: A Radio Shack ... light-beam communicator
Message-ID: <3BC8502C.4F793CFF@erols.com>
MIME-Version: 1.0
Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: 7bit

Paul,

1971? Ham radio as we know it, with the FCC, has been around since 1934. It was around before then, just not a tightly regulated!

Light beams were used by hams during WW II. That one was several wars ago so you may not remember it! I am sure you had fun with your Radio Shack P Kit. 5 inches is not bad for an unfocused LED. Hams used focused light beams to enhance their range. Look it up in QST, it's all there, there are no secrets, and the technology is a whole lot easier to learn than semiconductors!

73

Date: Sat, 13 Oct 2001 14:42:48 +0000 (UTC)
From: Joe Reed <joe@n9jr.dyndns.org>
To: Trevor Jacobs <fxtech@earthlink.net>
Cc: Low Power Amateur Radio Discussion <qrp-l@Lehigh.EDU>
Subject: [108654] Re: Tell Me I should not buy an FT-817
Message-ID: <Pine.LNX.4.33.0110131420190.5687-1000000@n9jr.dyndns.org>
MIME-Version: 1.0
Content-Type: TEXT/PLAIN; charset=US-ASCII

On Fri, 12 Oct 2001, Trevor Jacobs wrote:

> far as the coments about the FT-817 not being CW friendly, I use mine on CW
> all the time now and love it. What's not friendly??? I set the menu on IPO

Well, first, to change keyer speed you have to go through the menu. I find the need to change keyer speed often. Having a front panel keyer speed control is very desirerable. Having to enter a program menu to do it is unfriendly.

Second, only having one available cw filter, if not unfriendly, is at least rude. I like the ability to have several filter bandwidths. The 817 again doesn't have the agility to quickly change filters to pick out

the weak signal. The 817 offers the choice of wide or narrow, and again via a menu. Try changing filter widths quickly on a crowded band. Chances are you are not going to leave those functions as active on the front panel.

Third, it doesn't have any keyer memories. In this day and age offering a keyer without any memories is quite unfriendly.

Fourth, the 817 has no provision for a "spot" function so you can zero beat the station you want to call. Quite handy if you work cw.

I own both radios, and with the 817 I have the 500Hz Collins filter, TCXO, and the LDG Z-11 tuner. Having both, and having compared them side by side I stand by my characterization of the 817 as being cw unfriendly.

Date: Sat, 13 Oct 2001 09:00:10 -0600 (MDT)
From: "Karl F. Larsen" <k5di@zianet.com>
To: Dave Gingrich <gingrich2@dcg.org>
Cc: Low Power Amateur Radio Discussion <qrp-l@Lehigh.EDU>
Subject: [108655] Re: High peak in Indiana - Pictures
Message-ID: <Pine.LNX.4.33.0110130855420.1872-100000@cannac.fun>
MIME-Version: 1.0
Content-Type: TEXT/PLAIN; charset=US-ASCII

Hi Dave, no need to feel the Camry was an illegal way to get to the highest point. In New Mexico there's no road to the highest peak and should there ever be one I'll complain. It's a hard hike gaining 3,000 ft from the starting point. And all summer it snows on the peak. The bugs are Lady Bugs, who seem to like high places too. At least it's too cool for mosquitoes....hi

On Sat, 13 Oct 2001, Dave Gingrich wrote:

> At 17:10 10/12/2001 -0500, Brice D. Hornback wrote:
>
> >WOW!!! Those photos are AWESOME!!! That view is incredible! Did you have
> >to stop half-way up so you could adjust to the altitude? I don't know how
> >you guys do it.
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> Well Brice, It was indeed a daunting challenge but my trusty steed "Camry,"
> proved up to the task. Braving a fierce 5 MPH wind out of the East, Camry
> bravely took on the 80 mile trek from my home QTH in Indianapolis to the
> site. Adding to the challenge of negotiating the hazardous trail
> (Interstate 70), the elevation increased more than 400 feet. More than half

> of that in the last 20 miles!
>
> After arriving at the parking area, it was a breathtaking 30 foot walk to
> the site, avoiding what seemed to be certain disaster of two large
> mudpuddles. I was able to stop briefly to hoist the equipment up over the
> fence. Some group called "highpointers" had previously installed a
> permanent fixture allowing me to secure the gear while I walked up and down
> the steps.
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> established... They came.... mosquitos... Thousands of 'em. My only
> protection was Camry, but she was resting on the other side of the
> fence! How could I make it back? Risking certain itching, I made a few
> contacts in Michigan and Indiana, pulled the antenna out of the tree and
> ran back to Camry for protection.
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> Secured safely under Camry's shields, we returned home satisfied that the
> first operation from the Top of Indiana would be forever in the record
> book. As we pulled out onto the trail, I began to think of future trips
> back to this location when I could work more than just a few stations,
> perhaps thousands! Next time I'll remember the damn bugspray!
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> > Here's a few pix of my trip to the Top of Indiana last month.
> >
> > <http://dcg.org/hoosierhill>
>
>
> =====
> Dave Gingrich, K9DC
> Indianapolis, Indiana
> Dave@dcg.org
> =====
>
>

--

Yours Truly,

- Karl F. Larsen, k5di@arrl.net (505) 524-3303 -
<http://www.qsl.net/k5di/>

Date: Sat, 13 Oct 2001 09:10:50 -0600 (MDT)
From: "Karl F. Larsen" <k5di@zianet.com>
To: Joe Reed <joe@n9jr.dyndns.org>
Cc: Low Power Amateur Radio Discussion <qrp-1@Lehigh.EDU>

Subject: [108656] Re: Tell Me I should not buy an FT-817
Message-ID: <Pine.LNX.4.33.0110130902120.1872-100000@cannac.fun>
MIME-Version: 1.0
Content-Type: TEXT/PLAIN; charset=US-ASCII

This is a un-needed argument. What is CW unfriendly to one person is fine with another. The words against the built in CW keyer are stupid. I plug in my old CMOS keyer when at home with memories and a speed control knob. When backpacking I don't take the keyer but use the built-in.

I have never had a receiver with more than 2 filters. My TS-50 has the ssb and narrow CW filters. Period. Works fine. I also have an outboard DSP unit that you can fool around with on any radio. This DSP unit makes the SMK-1 receiver sound good! It works fine on the FT-817 as well.

This will be the first HF rig I ever owned that has 6 meters and 2 meters and 70 cm in it too. I can listen to the Voice of America 6 pm news while camped in a wilderness. Really a nice radio.

On Sat, 13 Oct 2001, Joe Reed wrote:

> On Fri, 12 Oct 2001, Trevor Jacobs wrote:
>
> > far as the coments about the FT-817 not being CW friendly, I use mine on CW
> > all the time now and love it. What's not friendly??? I set the menu on IPO
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> find the need to change keyer speed often. Having a front panel keyer
> speed control is very desireable. Having to enter a program menu to do it
> is unfriendly.
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> Second, only having one available cw filter, if not unfriendly, is at
> least rude. I like the ability to have several filter bandwidths. The
> 817 again doesn't have the agility to quickly change filters to pick out
> the weak signal. The 817 offers the choice of wide or narrow, and again
> via a menu. Try changing filter widths quickly on a crowded band.
> Chances are you are not going to leave those functions as active on the
> front panel.
>
> Third, it doesn't have any keyer memories. In this day and age offering a
> keyer without any memories is quite unfriendly.
>
> Fourth, the 817 has no provision for a "spot" function so you can zero
> beat the station you want to call. Quite handy if you work cw.
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> I own both radios, and with the 817 I have the 500Hz Collins filter, TCXO,
> and the LDG Z-11 tuner. Having both, and having compared them side by

> side I stand by my characterization of the 817 as being cw unfriendly.
>
>

--

Yours Truly,

- Karl F. Larsen, k5di@arrl.net (505) 524-3303 -
<http://www.qsl.net/k5di/>

Date: Sat, 13 Oct 2001 11:34:04 -0400
From: "Lee S. Mairs" <lmairs@cox.rr.com>
To: <n5fc@io.com>, <qrp-l@lehigh.edu>
Subject: [108657] Re: [AQR] Cubic Foot of Battery
Message-ID: <003b01c153fc\$7dcc75a0\$6401a8c0@cox.rr.com>
MIME-Version: 1.0
Content-Type: text/plain;
charset="iso-8859-1"
Content-Transfer-Encoding: 7bit

I have to take issue with part of this.

Starting batteries are designed to provide short bursts of large amounts of current (say, 300 amperes for 15 seconds while your car engine cranks. This consumes about 1.25 amp hours of the battery's capacity). The plates in starting batteries are thin and closely spaced.

Deep-cycle batteries are constructed with much thicker plates and are designed to provide small amounts of current for longer periods of time. They are ideal for solar powered homes. For QRP purposes, I doubt that the difference would be noticeable. QRO would be another story tho. The only "real" deep cycle batteries available in the US are the 6 VDC "golf cart" batteries, although Rolls and Surette make some deep cycle 12 volt batteries (major bucks!)

If you check the major manufacturers, I think you will find that they specifically warn against any charging voltage greater than 14.1 volts for gel-type batteries. Lead acid or flooded batteries can be charged at up to 14.4 volts. The maximum charging voltage is lower because, contrary to popular belief, gel cells will explode - and what a mess they make with jellied sulfuric acid scattered about.

73 de Lee, KM4YY

All right, they're on our left, they're on our right, they're in front of us,

they're behind us. They can't get away this time!

-- General "Chesty" Puller

----- Original Message -----

From: "Monty N5FC" <n5fc@io.com>

To: "Low Power Amateur Radio Discussion" <qrp-l@Lehigh.EDU>

Sent: Saturday, October 13, 2001 12:37 AM

Subject: Re: [AQRP] Cubic Foot of Battery

> Hi John!

>

> I disagree that the Deep Discharge battery is best for radio
> service. "Deep Discharge" means that the battery will survive a discharge
> down to 4 or 5 volts without permanently damaging the battery (this is not
> the case for most lead-acid batteries, which should never be discharged
> below 10 Volts. You need deep discharge on a boat. Even so, deep
> discharge or not, leaving a battery severely discharged for days or weeks
> will accelerate sulfation, which is generally causes permanent reduction
of

> battery capacity. Most rigs will not operate properly below about 11
volts

> (or 12 Volts in the case of my Scout - HI), so deep discharge should not
> really be an issue for hams.

>

> Car batteries are another poor choice. They are especially unforgiving of
> deep discharge, and have a high self-discharge rate, which means they need
> to be charged more often.

>

> The real issue of choice (besides raw capacity), in my opinion, is
> longevity. From my experience with electronic equipment in the field
> (professional experience, that is), the gel cell or sealed-lead-acid (SLA)
> battery is the only good choice. Kept properly charged (which means
charge

> it every 3 or 4 months whether it needs it or not), it will give you
> service life of 3 or more years. Also, being sealed, they can be operated
> in any position, and properly packaged (check the DOT regs), they can be
> air-transported. Batteries used for wheelchairs, rated at 30-33

Amp-Hours,

> are about the size you're looking for. Retail, they typically cost about
> \$75 at stores like Batteries Plus. They *like* running radio equipment.

>

> Be careful not to charge a gel-cell or SLA to a voltage above 14.7
> volts. Above that voltage, the outgassing will blow the internal
> seal. You won't know it for awhile, but your battery will begin to lose
> capacity (because the electrolyte is drying out), and within 6 months or a
> year, it will be pretty useless. Typical automobile and marine chargers
> can reach voltages over that limit. Don't trust them unless you actually

> monitor them.
>
> The best charger for a gel-cell or SLA, believe it or not, may be your
> transceiver's 12 Volt power supply, which typically puts out a steady 13.5
> - 13.8 VDC. Put a power resistor in series with it to limit the current
to
> Capacity/10 Amps. Within 12 hours or so it will be charged to 95% of
> capacity, and within 36 hours to near 100%. And by not exceeding 13.8
VDC,
> you never produce significant gasification in the electrolyte.
>
> Good luck!
>
> 73,
> monty N5FC
>
> At 20:07 10/12/2001 -0500, you wrote:
> >Dear AQRP,
> >
> > Speaking of a "Cubic Foot of Radio", I am getting ready to make a
> > "Cubic Foot of Battery" to put under it. So I have a few questions. My
> > understanding is that the battery of choice for radio work is the Deep
> > Discharge Marine battery as opposed to a normal car battery. My
> > understanding is that the plates are better in the Marine battery. With
> > that in mind I don't understand the difference in chargers for the two.
I
> > would like to know the best way to maintain a Marine battery and what
are
> > the do's and don'ts. I would like to periodically operate off the
battery
> > and then put it back on the charger. I would then like the charger to
> > keep the battery topped off. My old charger doesn't have a marine
setting
> > and I don't want to over cook the trickle charge. I'm going to mount the
> > Plastic Battery case inside a cubic foot of 1/2 inch square
> > tubular frame as I did for my FT-100, Power supply and MFJ tuner in the
> > cubic foot of radio. I would also like a little more feedback on the
ARES
> > power connector issue. The National ARES standard is the Molex but as
> > Rick and Stuart have pointed out there is a truly superior albeit
> > expensive alternate power connector from Anderson PowerPole. I would
like
> > to know how the local ARES people are resolving this issue. What is the
> > best connector to use for ARES hookup especially here in Austin. Thanks
> > for all your help.
> >
> >Regards,
> >John

> >
> >=====

> >email: jfisher2@austin.rr.com
> >web: http://home.austin.rr.com/jfisher2
> >callsign: K5JHF
> >=====

> >
> >
> >
> >
> >[Non-text portions of this message have been removed]
> >
> >
> >Via the AQRP List
> >
> >Your use of Yahoo! Groups is subject to <http://docs.yahoo.com/info/terms/>
>
>
> Monty Northrup, N5FC
> Austin, Texas
> e-mail: n5fc@io.com
> web page (ham radio): <http://www.io.com/~n5fc>
> web page (home): <http://www.io.com/~maddog>
>

Date: Sat, 13 Oct 2001 10:34:21 -0500 (EST)
From: bob evinger <wd9eka@arrl.net>
To: Monty N5FC <n5fc@io.com>
Cc: jfisher2@austin.rr.com, qrp-1@lehigh.edu
Subject: [108658] Re: [AQRP] Cubic Foot of Battery
Message-ID: <Pine.LNX.4.21.0110131006300.23224-100000@wd9eka_srv.evinger.com>
MIME-Version: 1.0
Content-Type: TEXT/PLAIN; charset=US-ASCII

Monty,

I guess it depends on what you call a deep discharge battery.
What most battery retailers call a deep discharge battery and
what is really a deep discharge battery are 2 different critters.

I run my station and portion of the house on solar power. I have
real deep discharge batteries(but they arent going portable
as the collection weighs over 500 pounds).

You mention deep discharging as going down to 4 or 5 volts. Technically
a 12 volt lead acid battery is flat when its voltage at no load is

11.8 volts. All the text that I have used dissuades one from ever taking a battery below that voltage at no load. It does severely reduce the life expectancy of even a deep discharge battery. They just survive much better. A car battery deep cycled like that may be ruined in just a few deep cycles whereas the L16's I have might survive several hundred deep cycles.

RV/Marine deep discharge batteries have a normal life expectancy of 3 years if properly maintained and not discharged down into the mud. The 6v/220 ah golf cart batteries are in the 3-5 year range. The batteries that I am using are L-16's which are 6 volt 330 a/h and when properly cared for in my application may yield a 10 year life expectancy. If you go by cost per year, the golf cart batteries and the L-16's are about the same cost per year, but L-16's are a lot less maintenance.

I dont float charge my batteries they get cycled quite regularly and I watch the no load battery voltage closely. I normally dont take them below about 30 or 40 percent total discharge which is around 12.1 volts no load. When they get that low, I either start load management or I charge them off commercial AC which has to happen quite a bit in the winter months. During the summer my batteries getted "topped up" daily when there is lots of sun and wind.

Most of the batteries that are marked marine batteries are not much better than glorified car batteries. They are slightly better, but not much. You have to get into golf cart batteries before you really start looking at real deep discharge survivable batteries.

Sorry if this was tmi(too much information) I just saw the comment about taking the battery down to 3 or 4 volts and it made me cringe, because the big boys wouldnt even consider taking the good and expensive deep discharge batteries anywhere near that voltage. My inverter can be set up to shutdown at a specified discharge point which I think is typically around 10.8 volts under load. But it is a smart inverter, it knows the battery bank size and does load calculations to consider what the state of the batteries are in.

Gell cells are nice, I use them for lighting on my bicycle and I think I typically get 3 or more years out of a battery but I also dont deep discharge them as well.

Summary, truly deep discharging most batteries deep cycle or not is a bad habit that in the long run is going to result in buying a new set of batteries early.

bob

On Fri, 12 Oct 2001, Monty N5FC wrote:

> Hi John!

>

> I disagree that the Deep Discharge battery is best for radio
> service. "Deep Discharge" means that the battery will survive a discharge
> down to 4 or 5 volts without permanently damaging the battery (this is not
> the case for most lead-acid batteries, which should never be discharged
> below 10 Volts. You need deep discharge on a boat. Even so, deep
> discharge or not, leaving a battery severely discharged for days or weeks
> will accelerate sulfation, which is generally causes permanent reduction of
> battery capacity. Most rigs will not operate properly below about 11 volts
> (or 12 Volts in the case of my Scout - HI), so deep discharge should not
> really be an issue for hams.

>

> Car batteries are another poor choice. They are especially unforgiving of
> deep discharge, and have a high self-discharge rate, which means they need
> to be charged more often.

>

> The real issue of choice (besides raw capacity), in my opinion, is
> longevity. From my experience with electronic equipment in the field
> (professional experience, that is), the gel cell or sealed-lead-acid (SLA)
> battery is the only good choice. Kept properly charged (which means charge
> it every 3 or 4 months whether it needs it or not), it will give you
> service life of 3 or more years. Also, being sealed, they can be operated
> in any position, and properly packaged (check the DOT regs), they can be
> air-transported. Batteries used for wheelchairs, rated at 30-33 Amp-Hours,
> are about the size you're looking for. Retail, they typically cost about
> \$75 at stores like Batteries Plus. They *like* running radio equipment.

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> seal. You won't know it for awhile, but your battery will begin to lose
> capacity (because the electrolyte is drying out), and within 6 months or a
> year, it will be pretty useless. Typical automobile and marine chargers
> can reach voltages over that limit. Don't trust them unless you actually
> monitor them.

>

> The best charger for a gel-cell or SLA, believe it or not, may be your
> transceiver's 12 Volt power supply, which typically puts out a steady 13.5
> - 13.8 VDC. Put a power resistor in series with it to limit the current to
> Capacity/10 Amps. Within 12 hours or so it will be charged to 95% of
> capacity, and within 36 hours to near 100%. And by not exceeding 13.8 VDC,
> you never produce significant gasification in the electrolyte.

>

> Good luck!
>
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> monty N5FC
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> > would like to know the best way to maintain a Marine battery and what are
> > the do's and don'ts. I would like to periodically operate off the battery
> > and then put it back on the charger. I would then like the charger to
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> > tubular frame as I did for my FT-100, Power supply and MFJ tuner in the
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> > best connector to use for ARES hookup especially here in Austin. Thanks
> > for all your help.
> >
> >Regards,
> >John
> >
> >=====

> >email: jfisher2@austin.rr.com
> >web: http://home.austin.rr.com/jfisher2
> >callsign: K5JHF
> >=====

> >
> >
> >
> >[Non-text portions of this message have been removed]
> >
> >
> >Via the AQRP List
> >
> >Your use of Yahoo! Groups is subject to <http://docs.yahoo.com/info/terms/>
>
>

> Monty Northrup, N5FC
> Austin, Texas
> e-mail: n5fc@io.com
> web page (ham radio): <http://www.io.com/~n5fc>
> web page (home): <http://www.io.com/~maddog>
>
>
>

--

Bob Evinger WD9EKA Marshall, Illinois
If Guns Cause Crime, Then Matches Cause Arson.

Date: Sat, 13 Oct 2001 08:46:47 -0700
From: "Jim FitzSimons" <cherry@getnet.net>
To: "Low Power Amateur Radio Discussion" <qrp-1@Lehigh.EDU>
Subject: [108659] Re: CW
Message-ID: <002601c153fe\$4559dbc0\$8922893f@pavilion>
MIME-Version: 1.0
Content-Type: text/plain;
 charset="iso-8859-1"
Content-Transfer-Encoding: 7bit

As I get older my sending is not as good, but I have a keyboard when I am not portable. The keyboard sends very good cw and makes it easier for the other operator to copy. I like psk31 and other digital modes but the MixW software I use also sends good QSK CW on my Pegasus. I was 100% CW before 1999 when psk31 came to the soundcard. I switched from my Drake T-4XC, Ten Tec 509, and HW-7 to the Pegasus and PC-500 because they do digital better. The CW decoders do not copy as good as my ear, but it allows more to enjoy CW. Even when I use the decoder am learning to copy in my head better. I hope some more digital operators would try keyboard CW. Morse code is a very old digital mode. Jim W7ANF CW since 1955.

----- Original Message -----

From: "Bruce Muscolino" <w6toy@erols.com>
To: "Low Power Amateur Radio Discussion" <qrp-1@Lehigh.EDU>
Sent: Saturday, October 13, 2001 7:15 AM
Subject: Re: CW

> Gang,
>
> Isn't the issue really to keep non-CW modes from taking over our

> segments? I happen to be almost 100% CW. I know others who are exactly
> the same way with SSB. We are both hams and both derive tremendous
> enjoyment from our hobby!
>
> In this country we both have large bandwidths in which to practice our
> hobby. The band plans seem to make it so. We have coexisted for about
> 70 years without starting an internal war.
>
> Sure, there are times when one group has an event at the same time as
> another. This should be looked at as an opportunity to improve our
> skills rather than to attack the other mode! CW, for example, has been
> touted as getting through no matter what. So prove it to yourself and
> others, and copy it through that darned RTTY carrier. Maybe you need a
> better filter, not a bigger typewriter!
>
> Let's make sure that our sub-bands aren't sold down the river by the
> ARRL in the coming WARC. Fight for what we want. The league has ham
> radio's interests at heart, but they also have their own interest at
> heart. They want to sell ads, and subscriptions. It is in their
> interest to kill off CW and allow full use of the bands for SSB. We
> have to remind them of their responsibility to ALL hams!
>
> 73
>

Date: Sat, 13 Oct 2001 09:59:42 -0600 (MDT)
From: "Karl F. Larsen" <k5di@zianet.com>
To: <qrp-l@lehigh.edu>
Subject: [108660] QRP-L Cub Fox Web Site
Message-ID: <Pine.LNX.4.33.0110130955590.2178-100000@cannac.fun>
MIME-Version: 1.0
Content-Type: TEXT/PLAIN; charset=US-ASCII

The web site for information on the Cub Fox Hunts is not complete
but it's accurate and useful now for the 2001-2002 Fox season. It's at:

www.qsl.net/k5di/fox

so please take a look when you have a question about this Fox Hunt.

--
Yours Truly,

- Karl F. Larsen, k5di@arrl.net (505) 524-3303 -

<http://www.qsl.net/k5di/>

Date: Sat, 13 Oct 2001 09:27:46 -0500
From: "David & Jo Ann Lininger" <djlinin@positech.net>
To: Low Power Amateur Radio Discussion <qrp-l@Lehigh.EDU>
Subject: [108661] OT: Packet question
Message-ID: <3BC80912.5784.530ABC@localhost>
MIME-Version: 1.0
Content-type: text/plain; charset=US-ASCII
Content-transfer-encoding: 7BIT

Friends:

I have a question about packet. Is there someone on this list who is knowledgeable in that area? If so, please contact me off-list.
Thanks.

73

David, KBOZKE
kb0zke@arrl.net
EM37kt home, EM37jv school

Date: Sat, 13 Oct 2001 12:19:29 -0400
From: "Mike Yetzko" <myetsko@insydesw.com>
To: <w6toy@erols.com>,
"Low Power Amateur Radio Discussion" <qrp-l@lehigh.edu>
Subject: [108662] Re: Question: Scope Pictures with Digital Camera
Message-ID: <000d01c15402\$d8f3ab00\$0600a8c0@charter.net>
MIME-Version: 1.0
Content-Type: text/plain;
charset="iso-8859-1"
Content-Transfer-Encoding: 7bit

Hmm, I think you have a very valid point, but it's 'environmentally' dependant.

In most HAM 'Radio' work, yes, the signal is going to be repetitive. Even if it only occurs once every 200msec and last for 50usec, that's considered repetitive. And then your argument is valid.

However, in a lot of HAM 'computer' work, then the signal may not be repetitive. Even if it is. I just recently, last week, for a weather project had a problem where the signal was less than 5usec long and only occurred once every 4 or 5 seconds. Long enough apart that for all intents and purposes it is NOT repetitive under the 'old' rules, and wouldn't be repetitive the way this discussion was going, but with the correct digital equipment was easy to grab.

Oh, the circuit in question was the 'power on' circuit... Something that is becoming VERY common in HAM gear with all the uControllers now doing everything! If you have a 'power button' that doesn't actually make/break a power feed, chances are probably better than not that there's a uController in there running things.

By the way, I picked up my Fluke ScopeMeter for \$400 used. I was about to buy a 20Mhz 'regular' scope when I ran into this deal. It was a bit cheaper than the scope (\$389 on sale + tax and shipping) but gave me a toy that just 2 or 3 years ago I could only have dreamed about.

It does print by the way, or dump to a computer, but I haven't been able to find an interface for the thing...

Mike

----- Original Message -----

From: Bruce Muscolino <w6toy@erols.com>

> Mark,

> >

> > This stuff is too rich for the blood of most hams, though - we're
> > talking \$3,000 and up, and there's quite a bit of up if you need
really

> > high-end capabilities. I've seen a few show up at hamfests, but
they're

> > not cheap even then.

> >

> In a world where people ask whether they can look at their 7 mHz signal
> with an old Heathkit scope, this stuff is really science fiction. Sure,
> if I was still working I would probably have access to such equipment.
> However, my old Tektronix 465 will have to do. Also note that almost
> every signal you have ever looked at in ham radio was repetitive. You
> may have arranged to watch it bu using the scope's trigger, but that was
> convenience. There are very few cases where non-reoccurring transients
> are a big issue in ham radio!

>

> 73

Date: Sat, 13 Oct 2001 12:22:45 -0400
From: "Mike Yetsko" <myetsko@insydesw.com>
To: <prvalko@oakland.edu>,
 "Low Power Amateur Radio Discussion" <qrp-l@lehigh.edu>
Subject: [108663] Re: A Radio Shack ... light-beam communicator
Message-ID: <002301c15403\$8c9e3c60\$0600a8c0@charter.net>
MIME-Version: 1.0
Content-Type: text/plain;
 charset="iso-8859-1"
Content-Transfer-Encoding: 7bit

Paul (and others...)

You might get a kick out of the Ramsey "Light Beam Communicator".

It's a small circuit board that is in two pieces. One side is audio to light, the other is light to audio. I think I got mine for \$19 at a local HAMfest.

You can wire it up as a communicator so that audio in goes to light, beams around, then the other end converts it back to audio.

Or... (and the reason I got it)

You can wire it up so that light goes to audio, goes somewhere on a wire, then gets converted back to light. (You can use it to extend a VCR or Cable Box remote control by feeding the DC coupled audio onto and off of the cable...)

Mike

----- Original Message -----
From: Paul R. Valko <prvalko@oakland.edu>
To: Low Power Amateur Radio Discussion <qrp-l@Lehigh.EDU>
Sent: Saturday, October 13, 2001 9:35 AM
Subject: A Radio Shack ... light-beam communicator

>
> One of the first electronics projects that I ever built (back in
> 1971) was an old Radio Shack "P-Box" kit that used an LED and a
> primitive CCD cell to "talk" over a light beam!

>
> It had a range of about five inches :-)
>
> Speaking of remembrances... who else fondly remember those old
> P-Kits? I also built a regenerative SW receiver. This was probably
five
> years before I got my Novice licence.
>
> 73! =paul= W8KC
> Collector of Ten*Tecs and other fine plastics.
> Visit the Virtual Ten*Tec Museum at:
> <<http://www.acs.oakland.edu/~prvalko>>
>
>
>

Date: Sat, 13 Oct 2001 12:37:20 -0400
From: "Mike Yetsko" <myetsko@insydesw.com>
To: <prvalko@oakland.edu>,
"Low Power Amateur Radio Discussion" <qrp-l@lehigh.edu>
Subject: [108664] Re: A Radio Shack ... light-beam communicator
Message-ID: <004101c15405\$57375be0\$0600a8c0@charter.net>
MIME-Version: 1.0
Content-Type: text/plain;
charset="iso-8859-1"
Content-Transfer-Encoding: 7bit

> Paul (and others...)
>
> You might get a kick out of the Ramsey "Light Beam Communicator".
>

Oh, one thing... You can pick up cheap 22 or air rifle scopes and use them to really enhance how easy the thing will be to use. Mount the scope on the 'receiver' to aim it.

Mount a lens in front of the light sensor, then put a white card there. Put a 'light bulb across a room and with the room dark except for the light bulb, move the lens to 'focus' it and get a sharp image on the card right where the sensor is. With the light right 'on' the sensor position, clamp this to a table so it won't move. Now look through the scope and without moving the PCB and lens assembly, adjust the scope mount so it aims 'at' the light. If your scope is 2 inches

above the sensor, put the crosshairs 2: above the light. (You want an ABSOLUTE aim point here.)

When you build this, you can put it in a box with the 'intention' of doing this so you can make the adjustments easier to do later.

Try to shield the sensor from ambient light, and put a 'tube' in front of the lens to further limit extraneous light that might get in.

Mike

Date: Sat, 13 Oct 2001 11:01:48 -0500 (EST)
From: bob evinger <wd9eka@arrl.net>
To: "Lee S. Mairs" <lmairs@cox.rr.com>
Cc: qrp-l@lehigh.edu
Subject: [108665] Re: [AQRP] Cubic Foot of Battery
Message-ID: <Pine.LNX.4.21.0110131049350.24501-100000@wd9eka_srv.evinger.com>
MIME-Version: 1.0
Content-Type: TEXT/PLAIN; charset=US-ASCII

Lee there are several alternatives to golf cart batteries. They are more expensive upfront though. The alternatives give you less maintenance and better discharge curves, but in the end I think the cost per year works out the same as golf cart batteries or close. It just depends on how long you want to go between replacing them and maybe how strong your floor is.:)

Alternatives:

- golf cart battery 6v/220ah 3-5 year life span, when properly cared for
- L-16's 6v/330(350) ah 7-10 year life span, ditto
- chlorides 2v/various ah 15-20 year life span ditto

Prices (and weight) go up linearly for the most part.
For a fairly good description of how to consider battery choices you might check out

www.realgoods.com

They have what they call a sourcebook that you can buy, but I think most of the text may also be on line. They have a good description section on battery considerations. Good for my type of application it might be a bit much for the average qrp'er though. I operate radios qrp, but my power generation is more along the lines of

qro.

73
bob

--

Bob Evinger WD9EKA Marshall, Illinois
If Guns Cause Crime, Then Matches Cause Arson.

Date: Sat, 13 Oct 2001 12:21:20 -0500 (EST)
From: j.p.osburn@ieee.org
To: qrp-l@lehigh.edu
Subject: [108666] High peak in Indiana - Pictures
Message-ID: <200110131721.MAA03519@lightning.qrp.com>
MIME-Version: 1.0
Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: 7bit

Terre Haute Indiana is famous for it's skiing.
As proof just check the following poster from a local college.
http://www.rose-hulman.edu/alumniaffairs/ski_small.jpg
Notice that slope.

Jim, WD9EYB

Date: Sat, 13 Oct 2001 13:33:56 -0400
From: "Mike Yetsko" <myetsko@insydesw.com>
To: "Low Power Amateur Radio Discussion" <qrp-l@lehigh.edu>
Subject: [108667] REALLY bizarre topic
Message-ID: <007301c1540d\$432e4b60\$0600a8c0@charter.net>
MIME-Version: 1.0
Content-Type: text/plain;
charset="iso-8859-1"
Content-Transfer-Encoding: 7bit

I just recently had my house sided with vinyl siding...

There are aluminum sheeting as trim, folded to match the pattern of the house.

Anyway, I feed my dipole with 300 ohm twinlead, and bring that into

my room. But I have to bring the lead along the overhang of the house.

Before the improvements, I went the store and bought 'cup hanger' hooks for the kitchen or a hutch, and put them in every 16" or so, then used a nylon 'wire-tie' to 'hang' the twinlead about 4" below the edge as it came across the roof.

Now with the vinyl and aluminum, I could do the same, except that I'd have to use really LONG screws on the hooks to get through the vinyl (it's not 'flat', it has ridges) and the 1/2" of foam sheets. And...

I really don't want to start drilling a series of holes on something so new and, well, pretty, OK?

Anyone know of any kind of 'clips' that are designed to hook into the eve areas? I've looked at other homes with vinyl siding and it really looks like the setup is pretty 'standard' so I wonder if there are kits to hang Christmas lights or other trim.

Mike

Date: Sat, 13 Oct 2001 12:40:09 -0600
From: "Edwin Crowell" <w5twr@home.com>
To: <qrp-1@Lehigh.EDU>
Subject: [108668] test--do not read
Message-ID: <006301c15416\$803d4fc0\$faf4b218@winona1.mn.home.com>
MIME-Version: 1.0
Content-Type: text/plain;
charset="iso-8859-1"
Content-Transfer-Encoding: 7bit

hi everyone, i can't get my mail posted.
thus, the reason for testing. tn timer, ed

Click here for Free Video!!
<http://www.gohip.com/freevideo/>

Date: Sat, 13 Oct 2001 10:40:34 -0700
From: "Ronald Smith" <ronald@atdial.net>
To: qrp-1@lehigh.edu

Subject: [108669] Pacificon Parking
Message-ID: <200110131740.NAA16212@betelgeuse.concentric.net>
MIME-Version: 1.0
Content-type: text/plain; charset=US-ASCII
Content-transfer-encoding: 7BIT

Gang;

I was told at the East Bay Amateur Radio Club (EBARC) meeting last night that Sam's Club would not allow any overflow parking in their lot this year. If any QRP-L'er who is going to Pacificon knows of a good alternate place, would you please email me direct. I would be happy to forward this to any other list member who sends direct email to me asking for it.

72, and see you at Pacificon

Ron, KE6RS
ronald@atdial.net

Date: Sat, 13 Oct 2001 17:57:16 +0100
From: "TC Dufresne" <tdufresne@neb.rr.com>
To: <qrp-l@lehigh.edu>
Subject: [108670] Teflon wire stripping
Message-ID: <004901c15408\$1d2637c0\$89b41c41@neb.rr.com>
MIME-Version: 1.0
Content-Type: text/plain;
 charset="iso-8859-1"
Content-Transfer-Encoding: 7bit

Building the 2N-40 rig, I am using the neat teflon coated wire. It looks good, and the insulation doesn't melt.

I am having problems stripping it, though. I bought a neat tool, but it doesn't seem to work on the teflon wire, though it does do a nice job on regular wire.

Any ideas?

Tom
KC0GXX

Date: Sat, 13 Oct 2001 14:16:03 -0400 (EDT)
From: baltimoremd@baltimoremd.com
To: Bruce Muscolino <w6toy@erols.com>

Cc: Low Power Amateur Radio Discussion <qrp-1@Lehigh.EDU>
Subject: [108671] Re: CW
Message-ID: <20011013141201.E17556-1000000@unix1.vhost.min.net>
MIME-Version: 1.0
Content-Type: TEXT/PLAIN; charset=US-ASCII

On Sat, 13 Oct 2001, Bruce Muscolino wrote:

>
> Let's make sure that our sub-bands aren't sold down the river by the
> ARRL in the coming WARC. Fight for what we want. The league has ham
> radio's interests at heart, but they also have their own interest at
> heart. They want to sell ads, and subscriptions. It is in their
> interest to kill off CW and allow full use of the bands for SSB. We
> have to remind them of their responsibility to ALL hams!

Heretic! But, it does make sense that the League would do what it can to increase its membership.

Thom

baltimoremd@baltimoremd.com
<http://www.baltimoremd.com/>
<http://www.baltimorehon.com/>
<http://www.zerobeat.net>

Thom LaCosta K3HRN Webmaster
Baltimore's Home Page
Home of the Baltimore Lexicon
Home of The QRP Web Ring
and Drake Mail List Pages

Date: Sat, 13 Oct 2001 11:27:17 -0700
From: Wayne Burdick <n6kr@elecraft.com>
To: Elecraft <elecraft@qth.net>, qrp <qrp-1@lehigh.edu>
Subject: [108672] most unusual CW experience
Message-ID: <3BC8877C.A70D7AE2@elecraft.com>
MIME-Version: 1.0
Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: 7bit

My former employer, Interval Research, brought in lots of interesting speakers to inspire us. On one such occasion, an intriguing personality convinced about 100 of our normally reserved staff to close our eyes and simply make any sound that came to mind.

We were reticent, at first. But within a few minutes everyone was into the act, loudly and gleefully relieving their heavy burdens with jungle hoots, whistles, grunts, claps, raps, chirps, rhythms of all kinds, and inexplicable sounds only humans could dream up.

In the midst of this cacophony, which had no specified time limit, it occurred to me that in a group this size perhaps someone besides myself would know Morse code. I stopped doing my cricket imitation and whistled a CQ.

Sure enough, someone with a K8 call whistled back. We had an eyes-closed, across-the-room audio QSO. The QRM was not only deafening, it was like nothing in the recorded history of compression and rarefaction. But we had no trouble communicating. (I didn't log this one--I'm not sure what the emission class is!)

I peeked in the general direction of the other "station" once, and noted that the person whistling back was a rather famous blind scientist who had been visiting for awhile. As we left the room later, I introduced myself, and we had a chuckle over the incident.

I'm not sure if the inspirational speaker's goal--to release tension through the use of sound--had been achieved. But it did highlight for me the unique niche occupied by our oldest digital mode.

73,
Wayne
N6KR

Date: Sat, 13 Oct 2001 12:35:22 -0600 (MDT)
From: "Karl F. Larsen" <k5di@zianet.com>
To: <qrp-l@lehigh.edu>
Subject: [108673] Yaseu FT-817 arrived here Saturday
Message-ID: <Pine.LNX.4.33.0110131229360.2178-100000@cannac.fun>
MIME-Version: 1.0
Content-Type: TEXT/PLAIN; charset=US-ASCII

Surprise! UPS delivers on Saturday now. Gigaparts.com shipped to me with 3 day service and it worked. I now have a 817 that seems to work. I checked with a friend on 146.84 repeater and he said it sounds great. Then hooked to the antenna tuner and checked into the Midday Net on 7.240 MHz. So now it's read the book time and make several new power cables. There must be 25 sizes of bayonet power plugs! The 817 has a real small one.

Now to hook up my 100 watt linear amp so I can drive my Alpha 4k export only tube amp to a full output...:-)

--

Yours Truly,

- Karl F. Larsen, k5di@arrl.net (505) 524-3303 -
<http://www.qsl.net/k5di/>

Date: Sat, 13 Oct 2001 14:37:45 -0400
From: "W3CDE Jerry L." <w3cde@bellsouth.net>
To: w6toy@erols.com
Cc: Low Power Amateur Radio Discussion <qrp-1@Lehigh.EDU>
Subject: [108674] Re: CW
Message-ID: <3BC889F9.97A8577F@bellsouth.net>
MIME-Version: 1.0
Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: 7bit

We can give them extra clout IF there are more member voices to be heard... When you have 80% yanking the chain of the 20% who are supporting the effort, you should not expect much support for the 80%... who only complain and make no financial commitment.

Just my biased opinion.

Jerry
W3CDE

Bruce Muscolino wrote:

>
> SNIP
>
> Let's make sure that our sub-bands aren't sold down the river by the
> ARRL in the coming WARC. Fight for what we want. The league has ham
> radio's interests at heart, but they also have their own interest at
> heart. They want to sell ads, and subscriptions. It is in their
> interest to kill off CW and allow full use of the bands for SSB. We
> have to remind them of their responsibility to ALL hams!
>
> 73

Date: Sat, 13 Oct 2001 14:03:48 -0600
From: Ron KU7Y <mswmod@bigplanet.com>

To: QRP-L <qrp-l@Lehigh.EDU>
Subject: [108675] Latest word.....
Message-ID: <003001c15422\$506c9880\$1856bad0@oemcomputer>
MIME-version: 1.0
Content-type: text/plain; charset=iso-8859-1
Content-transfer-encoding: 7bit

Hi All,

Forgive the BW but there have been too many well wishes to reply to all at this time. Thanks a bunch from all of us for your thoughts and prayers.

Latest news is that the 18 year old grand son is still alive and doing well considering his aorta (sp??) was torn and they didn't think he would make it to the hospital. He awoke a little bit today and asked how his sister was.

His sister, 11 years old has just come out of the OR and things inside look good. The skull is broken in several places, one eye may be lost and two legs and one arm are broken. Brain badly swollen with no idea of the final outcome yet but it's looks better than yesterday.

I'm now pulling the plug on the computer and heading out. Will check in as soon as I get email up and running again.

Thanks again and now back to QRP topics. (You are all my friends and I just felt that I had to share this limited good news even if it is off topic!)

Later....

73,

Ron, KU7Y
ku7y@qsl.net
Boise, ID

Date: Sat, 13 Oct 2001 14:17:19 -0600
From: "Karl B. Staddon" <ve6kbs@agt.net>
To: <joe@n9jr.dyndns.org>,
"Low Power Amateur Radio Discussion" <qrp-l@Lehigh.EDU>
Subject: [108676] Re: Tell Me I should not buy an FT-817
Message-ID: <02df01c15424\$0fec8840\$2c983b8e@Staddon.ab.hsia.telus.net>
MIME-Version: 1.0
Content-Type: text/plain;
charset="iso-8859-1"
Content-Transfer-Encoding: 7bit

> Fourth, the 817 has no provision for a "spot" function so you can zero
> beat the station you want to call. Quite handy if you work cw.

Joe, the FT-817 DOES have a spot function. When in CW mode push and hold the "HOME" button (next to the BNC antenna connector) and you'll hear the tone that you can zero beat with.

I agree with you that a zero beat tone is handy - hope this feature gives you some more enjoyment from your rig.

Cheers

Karl B. Staddon VE6KBS

CALGARY, AB

Date: Sat, 13 Oct 2001 15:19:37 -0500 (EST)
From: Dave Gingrich K9DC <gingrich2@dcg.org>
To: Wayne Burdick <n6kr@elecraft.com>
Cc: Elecraft <elecraft@qth.net>, qrp <qrp-1@lehigh.edu>
Subject: [108677] Re: [Elecraft] most unusual CW experience
Message-ID: <Pine.LNX.4.30.0110131516350.9160-1000000@tigger.dcg.org>
MIME-Version: 1.0
Content-Type: TEXT/PLAIN; charset=US-ASCII

Hmmm...

Didn't Qualcomm, Motorola and others take that a bit further and call it CDMA ?

K9DC

On Sat, 13 Oct 2001, Wayne Burdick wrote:

> My former employer, Interval Research, brought in lots of interesting
> speakers to inspire us. On one such occasion, an intriguing personality
> convinced about 100 of our normally reserved staff to close our eyes and
> simply make any sound that came to mind.
>
> We were reticent, at first. But within a few minutes everyone was into
> the act, loudly and gleefully relieving their heavy burdens with jungle
> hoots, whistles, grunts, claps, raps, chirps, rhythms of all kinds, and
> inexplicable sounds only humans could dream up.
>
> In the midst of this cacophony, which had no specified time limit, it

> occurred to me that in a group this size perhaps someone besides myself
> would know Morse code. I stopped doing my cricket imitation and whistled
> a CQ.
>
> Sure enough, someone with a K8 call whistled back. We had an
> eyes-closed, across-the-room audio QSO. The QRM was not only deafening,
> it was like nothing in the recorded history of compression and
> rarefaction. But we had no trouble communicating. (I didn't log this
> one--I'm not sure what the emission class is!)
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> I peeked in the general direction of the other "station" once, and noted
> that the person whistling back was a rather famous blind scientist who
> had been visiting for awhile. As we left the room later, I introduced
> myself, and we had a chuckle over the incident.
>
> I'm not sure if the inspirational speaker's goal--to release tension
> through the use of sound--had been achieved. But it did highlight for me
> the unique niche occupied by our oldest digital mode.
>
> 73,
> Wayne
> N6KR

Date: Sat, 13 Oct 2001 16:25:59 -0400
From: "w8diz" <w8diz@fpqrp.com>
To: <fpqrp-l@mpna.com>, "QRP-L" <qrp-l@Lehigh.EDU>
Subject: [108678] Re: [fpqrp] Truffle Hunts
Message-ID: <00df01c15425\$458f8000\$39d81b41@cinci.rr.com>
MIME-Version: 1.0
Content-Type: text/plain;
 charset="iso-8859-1"
Content-Transfer-Encoding: 7bit

Phil et al...

There are no rules for the Truffel Hunts. Just listed (30 minutes before the Fox Hunts)
near 7044 for "CQ FP CQ FP de W8PIG (or whatever call is being used).
Exchange is same as the FOX hunt, "559 OH Diz 5W"
We WILL slow down to ANY speed, but normal speed will be near 18 WPM
Exchanges will be posted on FPqrp-L.

72 & "oo's" - Dieter (DIZ) Gentzow - W8DIZ - Loveland, Ohio
Clermont County - EM79uf - near Cincinnati; 39.218N - 84.305W
SOC-8 DLQRPAG-1454 ARCI-10226 ARS-781 QRPL-1998 10X-9389 CATT-26

FP#-1 <http://home.cinci.rr.com/w8diz> & <http://kitsandparts.com>

----- Original Message -----

From: "philip wilcox" <rusty_rails@worldnet.att.net>

To: "w8diz" <w8diz@fpqrp.com>

Sent: Saturday, October 13, 2001 1:56 PM

Subject: Re: [fpqrp] Truffle Hunts

Diz, What are the rules for the Truffle Hunt? And The Fox Hunt?

Perhaps I would have better luck if I knew what to listen for when searching.

Thanks, Phil

Date: Sat, 13 Oct 2001 21:22:29 +0100

From: Euramcom <mel@euramcom.freemove.co.uk>

To: <mswmod@bigplanet.com>

Cc: <qrp-1@lehigh.edu>

Subject: [108679] Re: Latest word.....

Message-ID: <E15sVJd-0002IY-00.2001-10-13-21-23-26@cmailg2.svr.pol.co.uk>

Mime-Version: 1.0

Content-Type: text/plain; charset="iso-8859-1"

Content-Transfer-Encoding: quoted-printable

On Sat, 13 Oct 2001 14:03:48 -0600, Ron KU7Y wrote:

>Hi All,

>

>Forgive the BW but there have been too many well wishes to reply=
to

>all at

>this time. Thanks a bunch from all of us for your thoughts and

>prayers.

>

>Latest news is that the 18 year old grand son is still alive=
and

>doing well

>considering his aorta (sp??) was torn and they didn't think he=
would

>make it

>to the hospital. He awoke a little bit today and asked how his

>sister was.

>

>His sister, 11 years old has just come out of the OR and things

>inside look
>good. The skull is broken in several places, one eye may be=
lost
>and two
>legs and one arm are broken. Brain badly swollen with no idea=
of
>the final
>outcome yet but it's looks better than yesterday.
>
>I'm now pulling the plug on the computer and heading out. Will
>check in as
>soon as I get email up and running again.
>
>Thanks again and now back to QRP topics. (You are all my=
friends
>and I just
>felt that I had to share this limited good news even if it is=
off
>topic!)

>
>Later....
>
>73,
>
>Ron, KU7Y
>ku7y@qsl.net
>Boise, ID
>
>

Ron,

Keep sending the good news, if anyone suggests it's OT, they'll=
have
me and a good few others to tangle with!

This community (for it is a community!) does it's best for it's=
own,
time and time again. Thoughts, kind wishes and prayers from all
religions and none can do no harm, and may be the help that's=
needed
for you and your family at this time.

As Grandparents ourselves, we feel your troubles, and send you=
our
thoughts and wishes for a good outcome.

Regards

>From Mel and Ella (she who rocks the cradle!)

--72 and 73 de Mel Evans, e-mail mel@euramcom.freeserve.co.uk

Mel Evans GM6JAG Edinburgh Scotland
Home of the last HW9

Visit <http://www.euramcom.freeserve.co.uk> for
US Euro Ham Radio Equivalent Parts and info,
Add-a-Link page let's you add your own pages instantly

Date: Sat, 13 Oct 2001 16:27:05 -0400
From: Joel M Denison <hamjoel@juno.com>
To: qrp-1@lehigh.EDU, fpqrp-1@mpna.com
Subject: [108680] Lettuce not kiss cw farewell, just yet...
Message-ID: <20011013.162817.-16551777.0.hamjoel@juno.com>
MIME-Version: 1.0
Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: 7bit

this would-be funeral is ovah... folk...

The fact.... that cw has been shoved down our throats for years
doesn't mean it an't no good... Seems to me, for the first time in
amateur history, cw will have a chance to stand or fall on its own...

iffin its as good and fun as some folk say cw is, cw will stay
around because it is a fun and useful thing to do....
and a lot meaux user friendly with a program to help one copy or check
one's copy...and sending....

Iffin it stays mandatory, it will probably be a political or ego
related thing as other than hams... no one on God's green earth has need
of it anymore...which is not to say that a lot of us aren't having fun
with cw, just like before...

building, kits, scratch, or whatever is still around ... heck
good ole AM is still to be heard on the ham bands... what has merit will
stay around according to its merit...look at all the kit building fun
what be going on.... and kit building an't what it used to be... its
changed...

U kneaux ham radio takes on a whole new look when it becomes a
hobby and not a have to thing...just like operating qrp.....:-) 'cause u
like to....

lighten up, ham radio an't in no meaux need of being "saved" now
as it was back then.... its just doing as it always has, changing a
bit...now and then...

OH, ABOUT ORGINIZATIONS

iffin ur organization affects my personal amateur operating, then I have a right, obligation, to speak up about it, iffin u don't wan't me speaking about it, then don't intefer with my amateur operation... simple enough theology for anyone to grasp, I would think....time to geaux play some cw... c ya...
kella joel
in maine

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Date: Sat, 13 Oct 2001 16:31:22 -0400
From: Bruce Muscolino <w6toy@erols.com>
To: Mike Yetsko <myetsko@insydesw.com>
Cc: Low Power Amateur Radio Discussion <qrp-l@lehigh.edu>
Subject: [108681] Re: Question: Scope Pictures with Digital Camera
Message-ID: <3BC8A49A.622FC851@erols.com>
MIME-Version: 1.0
Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: 7bit

Mike,

>
> However, in a lot of HAM 'computer' work, then the signal may not
> be repetitive. Even if it is. I just recently, last week, for a weather
> project had a problem where the signal was less than 5usec long
> and only occurred once every 4 or 5 seconds.

>
Are you the guy experimenting with sending CW by thunderclap!

I will agree with you there are short duration signals that occur infrequently. However, I stand by my comment, on a list where someone wants to look at his 7 mHz signal with an old audio scope, it does not apply much!

73

Date: Sat, 13 Oct 2001 13:35:59 -0700
From: "Trevor Jacobs" <fxtech@earthlink.net>
To: "Joe Reed" <joe@n9jr.dyndns.org>
Cc: "Low Power Amateur Radio Discussion" <qrp-l@Lehigh.EDU>
Subject: [108682] Re: Tell Me I should not buy an FT-817
Message-ID: <001001c15426\$abf47660\$920cf4d8@tjacobs>
MIME-Version: 1.0
Content-Type: text/plain;
 charset="iso-8859-1"
Content-Transfer-Encoding: 7bit

----- Original Message -----

From: Joe Reed <joe@n9jr.dyndns.org>
To: Trevor Jacobs <fxtech@earthlink.net>
Cc: Low Power Amateur Radio Discussion <qrp-l@Lehigh.EDU>
Sent: Saturday, October 13, 2001 7:42 AM
Subject: Re: Tell Me I should not buy an FT-817

> Well, first, to change keyer speed you have to go through the menu. I
> find the need to change keyer speed often. Having a front panel keyer
> speed control is very desireable. Having to enter a program menu to do it
> is unfriendly.

I don't consider that unfriendly that's just how most modern rigs change options. Once you are used to the menu system and how it's organized it's quite easy to navigate and fast. Having everything on the front panel would make this rig much bigger and much less portable, which I think is the main intent.

> Second, only having one available cw filter, if not unfriendly, is at
> least rude. I like the ability to have several filter bandwidths. The
> 817 again doesn't have the agility to quickly change filters to pick out
> the weak signal. The 817 offers the choice of wide or narrow, and again
> via a menu. Try changing filter widths quickly on a crowded band.
> Chances are you are not going to leave those functions as active on the
> front panel.

If you really need more than the 500 Hz CW filter, then check out:
<http://www.w4rt.com/> They sell a board that plugs in that allows 2 filters to be used. I have found the 500 Hz filter to be more than adequate for CW, especially with the variable IF, which is a nice feature also not found in a lot of newer rigs.

> Third, it doesn't have any keyer memories. In this day and age offering a
> keyer without any memories is quite unfriendly.

Nope, it doesn't have that, and I probably wouldn't use it anyway.

> Fourth, the 817 has no provision for a "spot" function so you can zero
> beat the station you want to call. Quite handy if you work cw.

This would be nice, but I'm used to not having it now as my Icom 718 doesn't have it either, and in fact I find the Yeasu more friendly. You want to talk about unfriendly, I have to turn the rig on and off on my Icom to switch between a keyer and a straight key!

> I own both radios, and with the 817 I have the 500Hz Collins filter, TCXO,
> and the LDG Z-11 tuner. Having both, and having compared them side by
> side I stand by my characterization of the 817 as being cw unfriendly.

I don't own a K2 and in no way was trying to bag on the K2. I think the K2 is a great rig and I have thought about buying one, but I was looking for a multi mode a rig for travelling and camping and the FT-817 more than fills the bill. I also have the same features installed, the TX and the 500 Hz filter. I was also on a budget, and for the price, you can't beat it (plus it's on sale for \$100 off right now)! Even in a fully loaded K2, I still don't get VHF and AM/FM. When I travel, I often check into the local repeaters to see if there are any ham related events going on, and have met a bunch of nice local folks (yes even QRPers) this way. I've also used it to check in with the guys on AM on 80 out here (3870) when I have been camping. I must say that initially I felt a bit guilty about buying a "Store Bought Appliance" since I home brew all of my QRP gear, but I got over it. Going on trips with a single band QRP CW rig has been a lot of fun, but I was missing out on lots of activity on other bands.

It all comes down to what you are looking for in a rig. This shouldn't turn into a K2 vs FT-817 debate, because they are both very different and offer the user different options. It's like trying to compare a PC to a Mac (I own both Hi!). What I would suggest to any potential buyer of either rig is that you study the features and get a good understanding of what you are buying before you buy it. Also, pinpoint the kind of operation that you intend to do with the rig and see if the features meet your needs. Relying on the opinions of others can be very dangerous in this regard, as the other guy may have a totally different application for the rig in mind. Opinions are very speculative, what you want to look for is quantifiable data and buy the rig that you'll be most comfortable with. In any regard, for what it's worth, I think that Yaesu did a pretty good job with the Ft-817 and it's well worth the money. Take care you guys and hope to "see" you on PSK31...man this is a fun mode!

72/73

Trev

KG6CYN

Date: Sat, 13 Oct 2001 16:39:47 -0400
From: "George Osier" <gosier@twcnny.rr.com>
To: <qrp-l@lehigh.edu>
Subject: [108683] ZL75 #98 700 MW !!!!!!!
Message-ID: <000f01c15427\$32e65c60\$fc704342@twcnny.rr.com>
MIME-Version: 1.0
Content-Type: text/plain;
 charset="iso-8859-1"
Content-Transfer-Encoding: 7bit

From: "George Osier" <gosier@twcnny.rr.com>
To: <qrp@yahooogroups.com>
Subject: ZL75 #98700 MW !!!!!!!
Date: Saturday, October 13, 2001 4:38 PM

Hello All !!!

Just got ZL75 on 10 meters for the Oceania Test !!!..... 700 mw for # 98
!!!!!!!

He is on 28012 khz !!!!!!!

73s

George , N2JNZ / QRPp

Date: Sat, 13 Oct 2001 16:48:03 -0400
From: Bruce Muscolino <w6toy@erols.com>
To: myetsko@insydesw.com
Cc: Low Power Amateur Radio Discussion <qrp-l@lehigh.edu>
Subject: [108684] Re: REALLY bizarre topic
Message-ID: <3BC8A883.42CFB9F1@erols.com>
MIME-Version: 1.0
Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: 7bit

A trip to the local Home Depot will yield a world of stick on attachment points. Many of them are made to hold cable ties! Just use them in place of your cup hangers!

73

Date: Sat, 13 Oct 2001 16:32:00 -0500
From: "Mike Malone" <mmalone@worldlogon.com>
To: <fpqrp-1@mpna.com>, "QRP-L" <qrp-1@Lehigh.EDU>
Subject: [108685] Re: [fpqrp] BBQ called on account of flood
Message-ID: <001b01c1542e\$7f8165e0\$2ff8a7cc@malonefamily>
MIME-Version: 1.0
Content-Type: text/plain;
 charset="iso-8859-1"
Content-Transfer-Encoding: 7bit

NTX pigs BBQ being rescheduled due to our flashflooding last night. So we wont be running the special event station on 14.062. We are talking about a reschedule for early December, will announce soon. I will be on 20 for a bit though...

KD5KXF
FP 214

Date: Sat, 13 Oct 2001 17:40:25 -0400 (EDT)
From: baltimoremd@baltimoremd.com
To: "W3CDE Jerry L." <w3cde@bellsouth.net>
Cc: Low Power Amateur Radio Discussion <qrp-1@Lehigh.EDU>
Subject: [108686] Re: CW
Message-ID: <20011013173807.U18969-100000@unix1.vhost.min.net>
MIME-Version: 1.0
Content-Type: TEXT/PLAIN; charset=US-ASCII

On Sat, 13 Oct 2001, W3CDE Jerry L. wrote:

>
> We can give them extra clout IF there are more member voices
> to be heard...

There are some folks who years ago paid up as life members...we've been supporting the league for years.

> When you have 80% yanking the chain of the 20%
> who are supporting the effort, you should not expect much
> support for the 80%... who only complain and make no
> financial commitment.

Good point...

thom

baltimoremd@baltimoremd.com
<http://www.baltimoremd.com/>
<http://www.baltimorehon.com/>
<http://www.zerobeat.net>

Thom LaCosta K3HRN Webmaster
Baltimore's Home Page
Home of the Baltimore Lexicon
Home of The QRP Web Ring
and Drake Mail List Pages

Date: Sat, 13 Oct 2001 17:46:15 -0400 (EDT)
From: baltimoremd@baltimoremd.com
To: Bruce Muscolino <w6toy@erols.com>
Cc: Low Power Amateur Radio Discussion <qrp-1@Lehigh.EDU>
Subject: [108687] Re: CW
Message-ID: <20011013174100.V18969-100000@unix1.vhost.min.net>
MIME-Version: 1.0
Content-Type: TEXT/PLAIN; charset=US-ASCII

I'd suggest that those who care about CW, and fear it won't be supported, or even penalized by changing sub bands, make an effort to use it in places such as the novice band(s).

If I were gonna "go pickin' space" to take over, I'd look for under-utilized places...like the Novice Bands.

Some should remember the seldom-used 11 meter band, the lack luster attempts to use it after the FCC started considering the Citizens Band Radio Service, and the eventual loss.

Thom

baltimoremd@baltimoremd.com
<http://www.baltimoremd.com/>
<http://www.baltimorehon.com/>
<http://www.zerobeat.net>

Thom LaCosta K3HRN Webmaster
Baltimore's Home Page
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Date: Fri, 12 Oct 2001 22:15:57 -0600 (MDT)
From: <muglesto@ecentral.com>
To: "Karl F. Larsen" <k5di@zianet.com>
Cc: Low Power Amateur Radio Discussion <qrp-1@Lehigh.EDU>
Subject: [108688] Re: Mine Field Study
Message-ID: <Pine.LNX.4.33.0110122210580.2293-100000@mugleston.mugs.net>
MIME-Version: 1.0

Content-Type: TEXT/PLAIN; charset=US-ASCII

As one of the first Novice/Tech+ foxes a few years ago I can tell you 7.1 to 7.15 are full of surprises but what was more surprising was how well we all did - and that was at the bottom of the solar cycle.

We all normally started around 7.112 but depending on where in the country the fox lived they would pick their best spot.

I found that what others had said was true - you can camp out right next to a broadcast station and have a ball - mentally you block out the broadcast station and the wonderful music of CW is right there. It's much harder to block out the other CW stations.

Just my \$1 worth (my toys are getting a lot more expensive)

de KI00T, Brad (x KB0ROL)

On Thu, 11 Oct 2001, Karl F. Larsen wrote:

> The Cub Foxes are going to operate on a frequency between 7.1 and
> 7.15 MHz. It's well known that some 250,000 watt output broadcast stations
> use frequencies in this part of the band.

>

> Please, between 0200 and 0400Z which is 10pm to midnight on the
> east coast look for clear frequencies. These are where 4 KHz has no
> splatter from broadcast stations. Check from time to time and please send
> me what you find. I will be doing the same thing here.

>

>

--

Brad Mugleston, KI00T
Aurora, Arapahoe Cty, Colorado
DM79oq 39.692500N 104.802600W
CQC #170, QRP-L #316, NorCal #2934

Date: Sun, 14 Oct 2001 15:16:20 -0700
From: Thomas Kuehl <ac7a@gci-net.com>
To: tdufresne@neb.rr.com
Cc: Low Power Amateur Radio Discussion <qrp-1@lehigh.edu>
Subject: [108689] Re: Teflon wire stripping
Message-ID: <3BCA0EB4.13536583@gci-net.com>
MIME-Version: 1.0

Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: 7bit

Tom,

Teflon wire can be easily stripped with an ordinary, hand-operated wire stripper. One of the tech's at work showed me a neat trick years ago, and I've been using it ever since.

Place the end of the wire to be stripped in between the stripping surfaces of the tool, and then clamp down on it. If tugged, the wire should not slip through the sharp stripping surfaces. Grasp the wire with the other hand, and then motion that hand making circles in the air about 6 inches in diameter. The stripper should have penetrated and cut the teflon insulation. Then, pull on the wire just like any other you are stripping.

With practice, you should be able strip teflon insulated wire with ease.

Regards, Thomas - AC7A (Tucson)

TC Dufresne wrote:

> Building the 2N-40 rig, I a using the neat teflon coated wire. It looks
> good, and the insulation doesn't melt.
>
> I am having problems stripping it, though. I bought a neat tool, but it
> doesn't seem to work on the teflon wire, though it does do a nice job on
> regular wire.
> Any ideas?
> Tom
> KC0GXX

Date: Sat, 13 Oct 2001 22:35:12 +0000 (UTC)
From: Joe Reed <joe@n9jr.dyndns.org>
To: "Karl B. Staddon" <ve6kbs@agt.net>
Cc: Low Power Amateur Radio Discussion <qrp-1@Lehigh.EDU>
Subject: [108690] Re: Tell Me I should not buy an FT-817
Message-ID: <Pine.LNX.4.33.0110132234370.7613-100000@n9jr.dyndns.org>
MIME-Version: 1.0
Content-Type: TEXT/PLAIN; charset=US-ASCII

Gee, I was unaware of that. Thanks. Now if it only had QSK...
On Sat, 13 Oct 2001, Karl B. Staddon wrote:

> > Fourth, the 817 has no provision for a "spot" function so you can zero

> > beat the station you want to call. Quite handy if you work cw.
>
> Joe, the FT-817 DOES have a spot function. When in CW mode push and hold
> the "HOME" button (next to the BNC antenna connector) and you'll hear the
> tone that you can zero beat with.
>
> I agree with you that a zero beat tone is handy - hope this feature gives
> you some more enjoyment from your rig.
>
> Cheers
> Karl B. Staddon VE6KBS
> CALGARY, AB
>
>

End of QRP-L Digest 2341

